



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-7-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-7-12 <b>Received Date:</b> Nov-7-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2393 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Deep Cleaning Elevator Shafts 1 and 2 & Offices Area at floor G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, Deep Cleaning Elevator Shaft 1&2 Top floors to Bottom Floors	E	8:12	8:32	1.5	30	100	0.5	0.6	0.008	0.090	< 0.090	< 0.004
DM-A-04	Luis Echevarria, Deep Cleaning Elevator Shaft 1&2 Top floors to Bottom Floors	PR-CE	8:32	12:21	1.5	344	100	2	2.5	0.003	0.008	< 0.008	< 0.008
DM-A-05	Luis Echevarria, Deep Cleaning Elevator Shaft 1&2 Top floors to Bottom Floors	PR-CE	13:33	14:45	1.5	108	100	0	0.0	0.000	0.025	< 0.025	
DM-A-06	Aram Hernandez, Cleaning Offices at Floor G	PR-CE	7:13	11:39	1.5	399	100	1	1.3	0.001	0.007	< 0.007	0.008
DM-A-07	Aram Hernandez, Cleaning Offices at Floor G	PR-CE	13:00	14:15	1.5	113	100	0	0.0	0.000	0.024	< 0.024	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b>  <b>Date:</b> Nov-8-12	<b>David J. Meléndez</b> Tecnico Ambiental <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-7-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-7-12 <b>Received Date:</b> Nov-7-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2393 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Deep Cleaning Elevator Shafts 1 and 2 & Offices Area at floor G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Inside Working Area, Cleaning Shaft 1&2	RM-CE	8:10	12:21	2.00	502	100	3.5	4.5	0.003	0.005	< 0.005	
DM-A-09	Inside Working Area, Cleaning Shaft 1&2	RM-CE	13:33	14:45	1.90	137	100	0.5	0.6	0.002	0.020	< 0.020	
DM-A-10	Inside Working Area, Cleaning Offices at Floor G	RM-CE	7:14	11:42	2.00	536	100	0	0.0	0.000	0.005	< 0.005	
DM-A-11	Inside Working Area, Cleaning Offices at Floor G	RM-CE	13:11	14:22	1.95	138	100	1	1.3	0.004	0.020	< 0.020	
DM-A-12	Outside Working Area, Decon Clean Room At floor G	OS	7:03	11:55	2.00	584	100	0	0.0	0.000	0.005	< 0.005	
DM-A-13	Outside Working Area, Decon Clean Room At floor G	OS	13:07	14:47	1.90	190	100	0	0.0	0.000	0.014	0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-8-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-8-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analized By:</b> David J. Meléndez      Altol Chemical Environmental Laboratory, Inc. <b>Worker Name:</b> Edwin Alicea <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas, San Juan <b>Total Samples:</b> 12 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-8-12 <b>Received Date:</b> Nov-8-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0841 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Shafts of Elevators 1&2 And Clearance Antique Computers Room At Floor G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Edwin Alicea, Cleaning Elevator Shaft 1&2 Top floors to Bottom Floors	E	7:16	7:46	1.5	45	100	0	0.0	0.000	0.060	< 0.060	< 0.004
DM-A-04	Edwin Alicea, Cleaning Elevator Shaft 1&2 Top floors to Bottom Floors	PR-CE	7:46	12:00	1.5	381	100	2	2.5	0.003	0.007	< 0.007	0.008
DM-A-05	Edwin Alicea, Cleaning Elevator Shaft 1&2 Top floors to Bottom Floors	PR-CE	13:16	14:37	1.5	122	100	0	0.0	0.000	0.022	< 0.022	
DM-A-06	Inside Working Area, Cleaning Shaft 1&2	CE	7:16	11:59	2.0	566	100	3.5	4.5	0.003	0.005	< 0.005	
DM-A-07	Inside Working Area, Cleaning Shaft 1&2	CE	13:13	14:37	2.0	164	100	0.5	0.6	0.001	0.016	< 0.016	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-9-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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**Project Description:** Cleaning Shafts of Elevators 1&2 And Clearance Antique Computers Room At Floor G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Outside Working Area, Decon Clean Room At floor G	OS	7:04	12:04	2.00	600	100	0	0.0	0.000	0.005	< 0.005	
DM-A-09	Outside Working Area, Decon Clean Room At floor G	OS	13:00	14:39	1.95	193	100	1	1.3	0.003	0.014	< 0.014	
DM-A-10	Outside Decon Area, Open Air Parking Area Floor G	OS	7:53	12:04	2.00	502	100	0.5	0.6	0.000	0.005	< 0.005	
DM-A-11	Outside Decon Area, Open Air Parking Area Floor G	OS	13:00	14:40	1.95	195	100	0	0.0	0.000	0.014	< 0.014	
DM-A-12	Clearance Antique Computer Room at Floor G	CL	11:52	13:52	10.00	1200	100	0	0.0	0.000	0.002	< 0.002	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.


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Project Description: Preparation & Door Sealing in All Floors													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Carlos Ferrer, Preparation & Door sealing in all floors	E	7:08	7:38	1.5	45	100	0	0.0	0.000	0.060	< 0.060	< 0.004
DM-A-04	Carlos Ferrer, Preparation & Door sealing in all floors	PR-PP	7:38	11:52	1.5	381	100	1.5	1.9	0.002	0.007	< 0.007	0.008
DM-A-05	Carlos Ferrer, Preparation & Door sealing in all floors	PR-PP	13:01	14:27	1.5	129	100	0	0.0	0.000	0.021	< 0.021	
DM-A-06	Inside Working Area, Preparation	PP	7:07	11:56	2.0	578	100	1	1.3	0.001	0.005	< 0.005	
DM-A-07	Inside Working Area, Preparation	PP	13:01	14:27	2.0	168	100	0.5	0.6	0.001	0.016	< 0.016	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-10-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a>	<b>Total Samples:</b> 12 <b>Altol Job Number:</b> ENJ-416
<b>Sampling Date:</b> Nov-9-12 <b>Analytical Method:</b> NIOSH 7400	
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Nov-9-12
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Nov-9-12
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>AIHA Lab ID:</b> 199763
<b>Worker Name:</b> Carlos Ferrer	<b>Worker ID:</b> 8689
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

Project Description: Preparation & Door Sealing in All Floors													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Outside Working Area, Decon Clean Room At floor G	OS	7:11	11:53	2.00	564	100	0	0.0	0.000	0.005	< 0.005	
DM-A-09	Outside Working Area, Decon Clean Room At floor G	OS	13:03	14:33	1.90	171	100	1	1.3	0.003	0.016	< 0.016	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	<b>Date:</b> Nov-10-12
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**Project Description:** Cleaning Mechanical Room At Floor 17 & Bottom Area of South Elevators Shafts

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Justo Cintron, Cleaning Mechanical Room at Floor 17	E	7:19	7:49	1.5	45	100	0	0.0	0.000	0.060	< 0.060	< 0.004
DM-A-04	Justo Cintron, Cleaning Mechanical Room at Floor 17	PR-CE	7:49	11:42	1.5	350	100	1.5	1.9	0.002	0.008	< 0.008	< 0.008
DM-A-05	Justo Cintron, Cleaning Mechanical Room at Floor 17	PR-CE	13:03	14:47	1.5	156	100	1	1.3	0.003	0.017	< 0.017	
DM-A-06	Inside Working Area, Cleaning Mechanical Room at Floor 17	CE	7:19	11:42	2.0	526	100	1	1.3	0.001	0.005	< 0.005	
DM-A-07	Inside Working Area, Cleaning Mechanical Room at Floor 17	CE	13:05	14:47	2.0	199	100	0	0.0	0.000	0.014	< 0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.


<b>Reported By:</b>  <b>Date:</b> Nov-12-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-10-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Justo Cintron <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 11 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-10-12 <b>Received Date:</b> Nov-10-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6563 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Mechanical Room At Floor 17 & Bottom Area of South Elevators Shafts

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Inside Working Area, Cleaning Bottom of Elevators Shafts	CE	7:07	11:53	2.00	572	100	3.5	4.5	0.003	0.005	< 0.005	
DM-A-09	Inside Working Area, Cleaning Bottom of Elevators Shafts	CE	13:02	14:52	1.85	204	100	2	2.5	0.005	0.013	< 0.013	
DM-A-10	Outside Working Area, Decon Clean Room At floor G	OS	7:01	12:00	2.00	598	100	0	0.0	0.000	0.005	< 0.005	
DM-A-11	Outside Working Area, Decon Clean Room At floor G	OS	13:00	14:59	1.95	232	100	0	0.0	0.000	0.012	< 0.012	


MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Nov-12-12		

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-12-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 6 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-12-12 <b>Received Date:</b> Nov-12-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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Project Description: <b>Cleaning Elevator Shaft #3 South Area from Floor 8 to Floor G</b>													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, Cleaning Elevator Shaft #3 from floor 8 to G	E	7:05	7:35	1.5	45	100	0	0.0	0.000	0.060	< 0.060	< 0.004
DM-A-04	Luis Echevarria, Cleaning Elevator Shaft #3 from floor 8 to G	PR-CE	7:35	12:34	1.5	449	100	1	1.3	0.001	0.006	< 0.006	< 0.004
DM-A-05	Luis Echevarria Inside Working Area, Cleaning Elevator Shaft #3 from floor 8 to G	CE	7:05	12:34	2.0	658	100	1.5	1.9	0.001	0.004	< 0.004	
DM-A-06	Outside Working Area, Decon Clean Room At floor G	OS	7:00	12:36	2.0	672	100	0	0.0	0.000	0.004	< 0.004	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-13-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-13-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 9 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-13-12 <b>Received Date:</b> Nov-13-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2393 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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Project Description: <b>Cleaning File Storage, Antique Computer Room &amp; Offices At Floor G</b>													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Aram Hernandez, Preparation & Door sealing in all floors	E	7:11	7:41	1.5	45	100	0	0.0	0.000	0.060	< 0.060	< 0.004
DM-A-04	Aram Hernandez, Preparation & Door sealing in all floors	PR-CE	7:41	11:50	1.5	374	100	0	0.0	0.000	0.007	< 0.007	0.008
DM-A-05	Aram Hernandez, Preparation & Door sealing in all floors	PR-CE	13:03	14:59	1.5	174	100	0.5	0.6	0.001	0.016	< 0.016	
DM-A-06	Inside Working Area, Preparation	CE	7:11	11:51	2.0	560	100	2.5	3.2	0.002	0.005	< 0.005	
DM-A-07	Inside Working Area, Preparation	CE	13:03	14:59	1.9	215	100	1	1.3	0.002	0.013	< 0.013	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-16-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL




<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a>	<b>Total Samples:</b> 11 <b>Altol Job Number:</b> ENJ-416
<b>Sampling Date:</b> Nov-16-12 <b>Analytical Method:</b> NIOSH 7400	
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Nov-16-12
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Nov-16-12
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>AIHA Lab ID:</b> 199763
<b>Worker Name:</b> Luis Quiñones	<b>Worker ID:</b> 6463
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

**Project Description:** Cleaning Mechanical Room At Floor 17 & Bottom Area & Shafts of South Elevators.

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Quiñones, Cleaning Mechanical Room at Floor 17	E	7:10	7:40	1.5	45	100	0	0.0	0.000	0.060	< 0.060	< 0.004
DM-A-04	Luis Quiñones, Cleaning Mechanical Room at Floor 17	PR-CE	7:40	11:32	1.5	348	100	0.5	0.6	0.001	0.008	< 0.008	< 0.008
DM-A-05	Luis Quiñones, Cleaning Mechanical Room at Floor 17	PR-CE	13:02	14:37	1.5	143	100	0	0.0	0.000	0.019	< 0.019	
DM-A-06	Inside Working Area, Cleaning Mechanical Room at Floor 17	CE	7:10	11:32	2.0	524	100	1	1.3	0.001	0.005	< 0.005	
DM-A-07	Inside Working Area, Cleaning Mechanical Room at Floor 17	CE	13:02	14:37	1.9	176	100	0	0.0	0.000	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Nov-17-12		

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-16-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 11 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-16-12 <b>Received Date:</b> Nov-16-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Mechanical Room At Floor 17 & Bottom Area & Shafts of South Elevators.

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Inside Working Area, Cleaning Bottom of Elevators Shafts	CE	7:19	11:35	2.00	512	100	3	3.8	0.003	0.005	< 0.005	
DM-A-09	Inside Working Area, Cleaning Bottom of Elevators Shafts	CE	13:04	14:42	1.90	186	100	0.5	0.6	0.001	0.015	< 0.015	
DM-A-10	Outside Working Area, Decon Clean Room At floor G	OS	7:00	11:28	2.00	536	100	0	0.0	0.000	0.005	< 0.005	
DM-A-11	Outside Working Area, Decon Clean Room At floor G	OS	13:09	14:49	1.95	195	100	0	0.0	0.000	0.014	< 0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-17-12	<b>David J. Meléndez</b> <b>Técnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-17-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Edwin Alicea <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 6 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-17-12 <b>Received Date:</b> Nov-17-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0841 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Mechanical Room At Floor 17 & Lobby Floor G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Edwin Alicea, Cleaning Mechanical Room at Floor 17	E	7:16	7:46	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Edwin Alicea, Cleaning Mechanical Room at Floor 17	PR-CE	7:46	10:15	1.6	238	100	1.5	1.9	0.003	0.011	< 0.011	< 0.004
DM-A-05	Inside Working Area, Cleaning Mechanical Room at Floor 17	CE	7:19	10:15	2.0	352	100	0	0.0	0.000	0.008	< 0.008	
DM-A-06	Outside Working Area, Decon Clean Room At floor G	OS	7:08	10:17	2.0	378	100	0	0.0	0.000	0.007	< 0.007	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b>		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-21-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 6 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-21-12 <b>Received Date:</b> Nov-21-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Machine Room Floor 17

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Dwayne Rivera, Cleaning Mechanical Room at Floor 17	E	7:02	7:32	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Dwayne Rivera, Cleaning Mechanical Room at Floor 17	PR-CE	7:32	10:17	1.6	264	100	0.5	0.6	0.001	0.010	< 0.010	< 0.004
DM-A-05	Inside Working Area, Cleaning Mechanical Room at Floor 17	CE	7:11	10:17	2.0	372	100	0	0.0	0.000	0.007	< 0.007	
DM-A-06	Outside Working Area, Decon Clean Room At floor G	OS	7:00	10:20	2.0	400	100	0	0.0	0.000	0.007	< 0.007	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

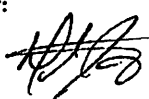
<b>Reported By:</b>   <b>Date:</b> <u>Nov-26-12</u>	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-26-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 9 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-26-12 <b>Received Date:</b> Nov-26-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8689 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Preparation for Cleaning at Floor 17

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Carlos Ferrer, Preparation for Cleaning at Floor 17	E	7:21	7:51	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Carlos Ferrer, Preparation for Cleaning at Floor 17	PR-PP	7:51	11:37	1.6	362	100	1.5	1.9	0.002	0.007	< 0.007	< 0.007
DM-A-05	Carlos Ferrer, Preparation for Cleaning at Floor 17	PR-PP	12:54	14:48	1.6	182	100	0.5	0.6	0.001	0.015	< 0.015	
DM-A-06	Inside Working Area, Preparation	PP	7:16	11:37	2.0	522	100	3	3.8	0.003	0.005	< 0.005	
DM-A-07	Inside Working Area, Preparation	PP	12:59	14:48	2.0	213	100	0.5	0.6	0.001	0.013	< 0.013	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b>  <b>Date:</b> Nov-27-12	<b>David J. Meléndez</b> <b>Técnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-26-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 9 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-26-12 <b>Received Date:</b> Nov-26-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8689 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Preparation for Cleaning at Floor 17

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Outside Working Area, Decon Clean Room At floor G	OS	7:10	11:48	2.00	556	100	0	0.0	0.000	0.005	< 0.005	
DM-A-09	Outside Working Area, Decon Clean Room At floor G	OS	13:00	14:52	1.90	213	100	0	0.0	0.000	0.013	< 0.013	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-27-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

Customer Name: Vanguard Caribe		Project Name: Centro Minillas North Tower, San Juan	
Contact: Hector Oquendo		Total Samples: 11 Altol Job Number: ENJ-416	
Phone / Fax/Email: 939-630-4370 proyectominillas1@yahoo.com		Collected ID: ASB-0510-0284-MS	
Sampling Date: Nov-27-12 Analytical Method: NIOSH 7400		Delivery Date: Nov-27-12	
Collected By: David J. Meléndez		Received Date: Nov-27-12	
Delivery By: David J. Meléndez		AIHA Lab ID: 199763	
Received By: David J. Meléndez		Worker ID: 4403	
Analyzed By: David J. Meléndez Altol Chemical Environmental Laboratory, Inc.		Worker ID: 1608	
Worker Name: Emmanuel Cruz		Worker ID: N/A	
Worker Name: Dwayne Rivera		Worker ID: N/A	
Worker Name: N/A		Worker ID: N/A	
Worker Name: N/A		Worker ID: N/A	
Worker Name: N/A		Worker ID: N/A	
Worker Name: N/A		Worker ID: N/A	

Project Description: Rem & Cleining Ceiling Accustic Tiles at Floor 17

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Emmanuel Cruz, Rem & Cleaning Ceiling Accustic Tiles at Floor 17	E	7:10	7:40	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	< 0.004
DM-A-04	Emmanuel Cruz, Rem & Cleaning Ceiling Accustic Tiles at Floor 17	PR-CE	7:40	11:56	1.6	410	100	3.5	4.5	0.004	0.007	< 0.007	0.007
DM-A-05	Emmanuel Cruz, Rem & Cleaning Ceiling Accustic Tiles at Floor 17	PR-CE	13:18	14:50	1.6	147	100	1	1.3	0.003	0.018	< 0.018	
DM-A-06	Dwayne Rivera, Rem & Cleaning Ceiling Accustic Tiles at Floor 17	PR-CE	7:19	12:00	1.6	450	100	4.5	5.7	0.005	0.006	< 0.006	0.007
DM-A-07	Dwayne Rivera, Rem & Cleaning Ceiling Accustic Tiles at Floor 17	PR-CE	13:15	14:50	1.6	152	100	2.5	3.2	0.008	0.018	< 0.018	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

Reported By:	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Nov-28-12	



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL




<b>Customer Name:</b> Vanguard Caribe		<b>Project Name:</b> Centro Minillas North Tower, San Juan	
<b>Contact:</b> Hector Oquendo		<b>Total Samples:</b> 11 <b>Altol Job Number:</b> ENJ-416	
<b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a>		<b>Collected ID:</b> ASB-0510-0284-MS	
<b>Sampling Date:</b> Nov-27-12 <b>Analytical Method:</b> NIOSH 7400		<b>Delivery Date:</b> Nov-27-12	
<b>Collected By:</b> David J. Meléndez		<b>Received Date:</b> Nov-27-12	
<b>Delivery By:</b> David J. Meléndez		<b>AIHA Lab ID:</b> 199763	
<b>Received By:</b> David J. Meléndez		<b>Worker ID:</b> 4403	
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>		<b>Worker ID:</b> 1608	
<b>Worker Name:</b> Emmanuel Cruz		<b>Worker ID:</b> N/A	
<b>Worker Name:</b> Dwayne Rivera		<b>Worker ID:</b> N/A	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	

**Project Description:** Rem & Cleining Ceiling Accustic Tiles at Floor 17

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Inside Working Area, Cleaning Floor 17	RM-CE	7:16	11:52	2.00	552	100	3	3.8	0.003	0.005	< 0.005	
DM-A-09	Inside Working Area, Cleaning Floor 17	RM-CE	13:09	14:52	1.85	191	100	1	1.3	0.003	0.014	< 0.014	
DM-A-10	Outside Working Area, Decon Clean Room At floor G	OS	7:04	12:06	2.00	604	100	0	0.0	0.000	0.004	< 0.004	
DM-A-11	Outside Working Area, Decon Clean Room At floor G	OS	13:00	14:56	1.95	226	100	0.5	0.6	0.001	0.012	< 0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Nov-28-12		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

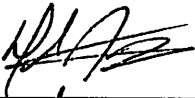


<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370   proyectominillas1@yahoo.com	
<b>Sampling Date:</b> Nov-28-12	<b>Total Samples:</b> 11
<b>Analytical Method:</b> NIOSH 7400	<b>Altol Job Number:</b> ENJ-416
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Nov-28-12
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Nov-28-12
<b>Analyzed By:</b> David J. Meléndez	<b>AIHA Lab ID:</b> 199763
<b>Altol Chemical Environmental Laboratory, Inc.</b>	
<b>Worker Name:</b> Edwin Alicea	<b>Worker ID:</b> 0841
<b>Worker Name:</b> Jean Oquendo	<b>Worker ID:</b> 2887
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

**Project Description:** Cleaning Ceiling Accoustic Tiles North And South Areas at Floor 17

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Edwin Alicea, Cleaning Ceiling Accoustic Tiles at Floor 17	E	7:26	8:06	1.6	64	100	1.5	1.9	0.011	0.042	< 0.042	< 0.004
DM-A-04	Edwin Alicea, Cleaning Ceiling Accoustic Tiles at Floor 17	PR-CE	8:06	11:51	1.6	360	100	12	15.3	0.016	0.008	0.016	< 0.011
DM-A-05	Edwin Alicea, Cleaning Ceiling Accoustic Tiles at Floor 17	PR-CE	13:11	14:56	1.6	168	100	6	7.6	0.018	0.016	0.018	
DM-A-06	Jean Oquendo, Cleaning Ceiling Accoustic Tiles at Floor 17	PR-CE	7:20	11:53	1.6	437	100	7.5	9.6	0.008	0.006	0.008	< 0.008
DM-A-07	Jean Oquendo, Cleaning Ceiling Accoustic Tiles at Floor 17	PR-CE	13:06	14:50	1.6	166	100	4	5.1	0.012	0.016	< 0.016	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Nov-29-12		


**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-28-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Edwin Alicea <b>Worker Name:</b> Jean Oquendo <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 11 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-28-12 <b>Received Date:</b> Nov-28-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0841 <b>Worker ID:</b> 2887 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ceiling Accoustic Tiles North And South Areas at Floor 17

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Inside Working Area, Cleaning Floor 17	CE	7:30	12:00	2.00	540	100	8.5	10.8	0.008	0.005	0.008	
DM-A-09	Inside Working Area, Cleaning Floor 17	CE	13:17	14:53	1.90	182	100	4.5	5.7	0.012	0.015	< 0.015	
DM-A-10	Outside Working Area, Decon Clean Room At floor G	OS	7:02	12:08	2.00	612	100	1.5	1.9	0.001	0.004	< 0.004	
DM-A-11	Outside Working Area, Decon Clean Room At floor G	OS	13:00	14:59	1.90	226	100	0	0.0	0.000	0.012	< 0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Nov-29-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

Customer Name: Vanguard Caribe	Project Name: Centro Minillas North Tower, San Juan
Contact: Hector Oquendo	
Phone / Fax/Email: 939-630-4370	Total Samples: 17
proyectominillas1@yahoo.com	Altol Job Number: ENJ-416
Sampling Date: Nov-29-12	
Analytical Method: NIOSH 7400	
Collected By: David J. Meléndez	Collected ID: ASB-0510-0284-MS
Delivery By: David J. Meléndez	Delivery Date: Nov-29-12
Received By: David J. Meléndez	Received Date: Nov-29-12
Analized By: David J. Meléndez	AIHA Lab ID: 199763
Altol Chemical Environmental Laboratory, Inc.	
Worker Name: Aram Hernandez	Worker ID: 2393
Worker Name: Luis Hechevarria	Worker ID: 6463
Worker Name: Raul Hernandez	Worker ID: 6845
Worker Name: Jean Oquendo	Worker ID: 2887
Worker Name: N/A	Worker ID: N/A
Worker Name: N/A	Worker ID: N/A

Project Description: Cleaning Ceiling Tiles North Offices, South Files Storage and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Aram Hernandez, Cleaning Ceiling Tiles North Offices at Floor 17	E	7:25	7:55	1.6	48	100	1	1.3	0.010	0.056	< 0.056	< 0.004
DM-A-04	Aram Hernandez, Cleaning Ceiling Tiles North Offices at Floor 17	PR-CE	7:55	11:22	1.6	331	100	6	7.6	0.009	0.008	0.009	< 0.007
DM-A-05	Aram Hernandez, Cleaning Ceiling Tiles North Offices at Floor 17	PR-CE	12:32	14:45	1.6	213	100	5.5	7.0	0.013	0.013	< 0.013	
DM-A-06	Luis Hechevarria, Cleaning Wet Method Machine Room At Floor 17	PR-CE	7:32	11:36	1.6	390	100	2.5	3.2	0.003	0.007	< 0.007	0.007
DM-A-07	Luis Hechevarria, Cleaning Wet Method Machine Room At Floor 17	PR-CE	12:30	14:50	1.6	224	100	1	1.3	0.002	0.012	< 0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

Reported By:	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Nov-30-12	

# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS


### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

Customer Name: Vanguard Caribe	Project Name: Centro Minillas North Tower, San Juan
Contact: Hector Oquendo	
Phone / Fax/Email: 939-630-4370	Total Samples: 17
proyectominillas1@yahoo.com	Altol Job Number: ENJ-416
Sampling Date: Nov-29-12	
Analytical Method: NIOSH 7400	
Collected By: David J. Meléndez	Collected ID: ASB-0510-0284-MS
Delivery By: David J. Meléndez	Delivery Date: Nov-29-12
Received By: David J. Meléndez	Received Date: Nov-29-12
Analized By: David J. Meléndez	AIHA Lab ID: 199763
Altol Chemical Environmental Laboratory, Inc.	
Worker Name: Aram Hernandez	Worker ID: 2393
Worker Name: Luis Hechevarria	Worker ID: 6463
Worker Name: Raul Hernandez	Worker ID: 6845
Worker Name: Jean Oquendo	Worker ID: 2887
Worker Name: N/A	Worker ID: N/A
Worker Name: N/A	Worker ID: N/A

Project Description: Cleaning Ceiling Tiles North Offices, South Files Storage and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Raul Hernandez, Preparation At Floor 16	PR-CE	7:41	11:45	1.60	390	100	3	3.8	0.004	0.007	< 0.007	0.0070
DM-A-09	Raul Hernandez, Preparation At Floor 16	PR-CE	12:57	14:47	1.60	176	100	1	1.3	0.003	0.015	< 0.015	
DM-A-10	Jean Oquendo, Preaparation At Floor 16	PR-CE	7:40	11:45	1.60	392	100	1	1.3	0.001	0.007	< 0.007	0.0070
DM-A-11	Jean Oquendo, Preaparation At Floor 16	PR-CE	13:04	14:47	1.60	165	100	0	0.0	0.000	0.016	< 0.016	
DM-A-12	Inside Working Area, Cleaning At Floor 17	CE	7:27	11:20	2.00	466	100	3	3.8	0.003	0.006	< 0.006	
DM-A-13	Inside Working Area, Cleaning At Floor 17	CE	12:30	14:48	1.95	269	100	0	0.0	0.000	0.010	0.010	
DM-A-14	Inside Working Area, Preparation AT Floor 16	CE	7:40	11:49	2.00	498	100	5.5	7.0	0.005	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

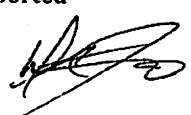
Reported By: 	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Nov-30-12	

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-29-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Luis Hechevarria <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> Jean Oquendo <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-29-12 <b>Received Date:</b> Nov-29-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 6845 <b>Worker ID:</b> 2887 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ceiling Tiles North Offices, South Files Storage and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Preparation AT Floor 16	CE	13:00	14:55	1.80	207	100	0	0.0	0.000	0.013	0.013	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:14	11:58	2.00	568	100	0.5	0.6	0.000	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:13	15:00	1.90	203	100	0	0.0	0.000	0.013	0.013	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

**Reported By:**   
**David J. Meléndez**  
**Tecnico Ambiental**  
[david.melendez@altolenterprises.com](mailto:david.melendez@altolenterprises.com)  
**Phone:** 787-430-6145  
**Date:** Nov-30-12



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-30-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Perez <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-30-12 <b>Received Date:</b> Nov-30-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 1899 <b>Worker ID:</b> 4316 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 2260 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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Project Description: <b>Cleaning Ceiling Tiles North Offices, South Files Storage and Machine Room At Floor 17 &amp; Preparation At Floor 16</b>													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Perez, Cleaning Ceiling Tiles North Offices at Floor 17	E	7:19	7:49	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Luis Perez, Cleaning Ceiling Tiles North Offices at Floor 17	PR-CE	7:49	11:46	1.6	379	100	5	6.4	0.006	0.007	< 0.007	< 0.007
DM-A-05	Luis Perez, Cleaning Ceiling Tiles North Offices at Floor 17	PR-CE	13:02	14:53	1.6	178	100	2	2.5	0.006	0.015	< 0.015	
DM-A-06	Cesar Ocasio, Cleaning Files Storage Area at Floor 17	PR-CE	7:22	11:17	1.6	376	100	13.5	17.2	0.018	0.007	0.018	< 0.012
DM-A-07	Cesar Ocasio, Cleaning Files Storage Area at Floor 17	PR-CE	13:05	14:53	1.6	173	100	1	1.3	0.003	0.016	< 0.016	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dec-1-12		

# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS


### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-30-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez      Altol Chemical Environmental Laboratory, Inc. <b>Worker Name:</b> Luis Perez <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-30-12 <b>Received Date:</b> Nov-30-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 1899 <b>Worker ID:</b> 4316 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 2260 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ceiling Tiles North Offices, South Files Storage and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Emmanuel Cruz, Cleaning Wet Method Machine Room At Floor 17	PR-CE	7:40	11:50	1.60	400	100	1	1.3	0.001	0.007	< 0.007	0.0070
DM-A-09	Emmanuel Cruz, Cleaning Wet Method Machine Room At Floor 17	PR-CE	12:43	14:59	1.60	218	100	0	0.0	0.000	0.012	< 0.012	
DM-A-10	Edwin Irizarry, Preaparation At Floor 16	PR-CE	7:35	11:48	1.60	405	100	0.5	0.6	0.001	0.007	< 0.007	0.0070
DM-A-11	Edwin Irizarry, Preaparation At Floor 16	PR-CE	12:40	14:49	1.60	206	100	0	0.0	0.000	0.013	< 0.013	
DM-A-12	Inside Working Area, Cleaning At Floor 17	CE	7:20	12:00	2.00	560	100	3.5	4.5	0.003	0.005	< 0.005	
DM-A-13	Inside Working Area, Cleaning At Floor 17	CE	13:09	14:55	1.95	207	100	2.5	3.2	0.006	0.013	0.013	
DM-A-14	Inside Working Area, Preparation AT Floor 16	PP	7:36	11:51	2.00	510	100	0	0.0	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Dec-1-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Nov-30-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Perez <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Nov-30-12 <b>Received Date:</b> Nov-30-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 1899 <b>Worker ID:</b> 4316 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 2260 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ceiling Tiles North Offices, South Files Storage and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Preparation AT Floor 16	PP	13:07	14:47	1.95	195	100	0	0.0	0.000	0.014	0.014	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:02	12:12	2.00	620	100	0.5	0.6	0.000	0.004	0.004	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:06	1.85	233	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>   <b>Date:</b> Dec-1-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-01-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Elmer Cruz <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-01-12 <b>Received Date:</b> Dic-01-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5227 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ceiling Tiles North Offices, and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Santos , Cleaning Ceiling Tiles North Offices at Floor 17	E	7:08	7:38	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Felix Santos , Cleaning Ceiling Tiles North Offices at Floor 17	PR-CE	7:38	11:52	1.6	406	100	12.5	15.9	0.015	0.007	0.015	< 0.011
DM-A-05	Felix Santos , Cleaning Ceiling Tiles North Offices at Floor 17	PR-CE	13:04	14:53	1.6	174	100	4.5	5.7	0.013	0.015	< 0.015	
DM-A-06	Luis Echevarria, Cleaning Wet Method Machine Room At Floor 17	PR-CE	7:12	11:55	1.6	453	100	6	7.6	0.006	0.006	0.006	0.007
DM-A-07	Luis Echevarria, Cleaning Wet Method Machine Room At Floor 17	PR-CE	13:07	14:50	1.6	165	100	0	0.0	0.000	0.016	< 0.016	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Dec-3-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-01-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez    Altol Chemical Environmental Laboratory, Inc. <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Elmer Cruz <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-01-12 <b>Received Date:</b> Dic-01-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5227 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ceiling Tiles North Offices, and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs
			START	STOP									(f/cc)
DM-A-08	Elmer Cruz, Preparation At Floor 16	PR-CE	7:23	11:50	1.60	427	100	9.5	12.1	0.011	0.006	0.011	< 0.0096
DM-A-09	Elmer Cruz, Preparation At Floor 16	PR-CE	13:13	14:44	1.60	146	100	4	5.1	0.013	0.019	< 0.019	
DM-A-10	Isaac Batista, Preparation At Floor 16	PR-CE	7:20	11:49	1.60	430	100	8	10.2	0.009	0.006	0.009	< 0.0089
DM-A-11	Isaac Batista, Preparation At Floor 16	PR-CE	13:14	14:51	1.60	155	100	6	7.6	0.019	0.017	0.019	
DM-A-12	Inside Working Area, Cleaning At Floor 17	CE	7:11	11:58	2.00	574	100	11	14.0	0.009	0.005	0.009	
DM-A-13	Inside Working Area, Cleaning At Floor 17	CE	13:05	14:40	1.85	176	100	2.5	3.2	0.007	0.015	0.015	
DM-A-14	Inside Working Area, Preparation AT Floor 16	PP	7:24	11:45	2.00	522	100	1	1.3	0.001	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dec-3-12		




**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-01-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Elmer Cruz <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-01-12 <b>Received Date:</b> Dic-01-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5227 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ceiling Tiles North Offices, and Machine Room At Floor 17 & Preparation At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Preparation AT Floor 16	PP	13:14	14:50	1.85	178	100	0	0.0	0.000	0.015	0.015	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:04	12:01	2.00	594	100	0	0.0	0.000	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	14:56	1.90	220	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dec-3-12		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL




<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370   proyectorminillas1@yahoo.com	<b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416
<b>Sampling Date:</b> Dic-03-12 <b>Analytical Method:</b> NIOSH 7400	
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Dic-03-12
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Dic-03-12
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>AIHA Lab ID:</b> 199763
<b>Worker Name:</b> Felix Santos	<b>Worker ID:</b> 5796
<b>Worker Name:</b> Luis Quiñones	<b>Worker ID:</b> 2904
<b>Worker Name:</b> Pedro Pacheco	<b>Worker ID:</b> 2316
<b>Worker Name:</b> Joshuly Centeno	<b>Worker ID:</b> 3381
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

**Project Description:** Cleaning Carpets North Offices, and Cutting Air Ducts At Floor 17 & Rem Ceiling Tiles At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Santos , Cleaning Carpet North Offices at Floor 17	E	7:13	7:43	1.6	48	100	2	2.5	0.020	0.056	< 0.056	< 0.004
DM-A-04	Felix Santos , Cleaning Carpet North Offices at Floor 17	PR-CE	7:43	11:32	1.6	366	100	6.5	8.3	0.009	0.007	0.009	< 0.008
DM-A-05	Felix Santos , Cleaning Carpet North Offices at Floor 17	PR-CE	12:40	14:58	1.6	221	100	0	0.0	0.000	0.012	< 0.012	
DM-A-06	Luis Quiñones, Cutting Air Ducts At Floor 17	PR-CE	7:19	11:37	1.6	413	100	11	14.0	0.013	0.007	0.013	< 0.011
DM-A-07	Luis Quiñones, Cutting Air Ducts At Floor 17	PR-CE	12:39	14:56	1.6	219	100	5.5	7.0	0.012	0.012	< 0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145	
<b>Date:</b> Dic-4-2012		

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-03-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> Joshuly Centeno <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-03-12 <b>Received Date:</b> Dic-03-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2316 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Carpets North Offices, and Cutting Air Ducts At Floor 17 & Rem Ceiling Tiles At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Pedro Pacheco, Rem Accustic Tiles At Floor 16	PR-CE	7:24	11:44	1.60	416	100	3.5	4.5	0.004	0.006	< 0.006	0.0086
DM-A-09	Pedro Pacheco, Rem Accustic Tiles At Floor 16	PR-CE	12:57	14:50	1.60	181	100	8	10.2	0.022	0.015	0.022	
DM-A-10	Joshuly Centeno, Rem Accustic Tiles At Floor 16	PR-CE	7:25	11:45	1.60	416	100	2.5	3.2	0.003	0.006	< 0.006	0.0070
DM-A-11	Joshuly Centeno, Rem Accustic Tiles At Floor 16	PR-CE	12:55	15:01	1.60	202	100	0	0.0	0.000	0.013	< 0.013	
DM-A-12	Inside Working Area, Cleaning At Floor 17	CE	7:12	11:34	2.00	524	100	9	11.5	0.008	0.005	0.008	
DM-A-13	Inside Working Area, Cleaning At Floor 17	CE	12:35	14:56	1.75	247	100	4	5.1	0.008	0.011	0.011	
DM-A-14	Inside Working Area, Rem Accustic Tiles At Floor 16	RM-CE	7:31	11:44	2.00	506	100	3	3.8	0.003	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-4-2012		

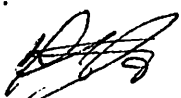
**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-03-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> Joshuly Centeno <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-03-12 <b>Received Date:</b> Dic-03-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2316 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Carpets North Offices, and Cutting Air Ducts At Floor 17 & Rem Ceiling Tiles At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Rem Accustic Tiles At Floor 16	RM-CE	13:00	15:00	1.90	228	100	5	6.4	0.011	0.012	0.012	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:03	11:20	2.00	514	100	0	0.0	0.000	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:03	15:06	1.85	228	100	1.5	1.9	0.003	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Dic-4-2012	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

Customer Name: Vanguard Caribe	Project Name: Centro Minillas North Tower, San Juan
Contact: Hector Oquendo	
Phone / Fax/Email: 939-630-4370	Total Samples: 17
proyectorminillas1@yahoo.com	Altol Job Number: ENJ-416
Sampling Date: Dic-4-12	
Analytical Method: NIOSH 7400	
Collected By: David J. Meléndez	Collected ID: ASB-0510-0284-MS
Delivery By: David J. Meléndez	Delivery Date: Dic-4-12
Received By: David J. Meléndez	Received Date: Dic-4-12
Analized By: David J. Meléndez	AIHA Lab ID: 199763
Altol Chemical Environmental Laboratory, Inc.	
Worker Name: Edwin Alicea	Worker ID: 0841
Worker Name: Justo Cintron	Worker ID: 6563
Worker Name: Pedro Velez	Worker ID: 5687
Worker Name: Isaac Batista	Worker ID: 5214
Worker Name: N/A	Worker ID: N/A
Worker Name: N/A	Worker ID: N/A

Project Description: Cleaning Air Ducts North Offices, and Cutting Air Ducts At Floor 17 & Rem Ceiling Accoustic Tiles & Bagout At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Edwin Alicea, Cleaning Air Ducts North Offices at Floor 17	E	7:08	7:38	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Edwin Alicea, Cleaning Air Ducts North Offices at Floor 17	PR-CE	7:38	11:17	1.6	350	100	9.5	12.1	0.013	0.008	0.013	< 0.010
DM-A-05	Edwin Alicea, Cleaning Air Ducts North Offices at Floor 17	PR-CE	12:24	14:39	1.6	216	100	3	3.8	0.007	0.013	< 0.013	
DM-A-06	Justo Cintron, Cutting Air Ducts At Floor 17	PR-CE	7:11	11:23	1.6	403	100	5	6.4	0.006	0.007	< 0.007	0.007
DM-A-07	Justo Cintron, Cutting Air Ducts At Floor 17	PR-CE	12:27	14:43	1.6	218	100	2	2.5	0.005	0.012	< 0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

Reported By:	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Dic-5-12	


**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-4-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Edwin Alicea <b>Worker Name:</b> Justo Cintron <b>Worker Name:</b> Pedro Velez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-4-12 <b>Received Date:</b> Dic-4-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0841 <b>Worker ID:</b> 6563 <b>Worker ID:</b> 5687 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Air Ducts North Offices, and Cutting Air Ducts At Floor 17 & Rem Ceiling Accustic Tiles & Bagout At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Rem Accustic Tiles At Floor 16	RM-CE	13:09	14:47	1.95	191	100	4	5.1	0.010	0.014	0.014	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:00	12:05	2.00	610	100	2	2.5	0.002	0.004	0.004	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	14:56	1.95	226	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Dic-5-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-5-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 21 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-5-12 <b>Received Date:</b> Dic-5-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2316 <b>Worker ID:</b> 2260 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning North Side Offices, and Cleaning File Storage Area South Side At Floor 17 & Cutting & Bagout Air Ducts At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Carlos Santiago, Cleaning North Side Offices at Floor 17	E	7:14	7:44	1.6	48	100	1.5	1.9	0.015	0.056	< 0.056	< 0.004
DM-A-04	Carlos Santiago, Cleaning North Side Offices at Floor 17	PR-CE	7:44	11:18	1.6	342	100	10.5	13.4	0.015	0.008	0.015	< 0.010
DM-A-05	Carlos Santiago, Cleaning North Side Offices at Floor 17	PR-CE	12:33	14:53	1.6	224	100	1	1.3	0.002	0.012	< 0.012	
DM-A-06	Emmanuel Cruz, Cleaning File Storage South Side At Floor 17	PR-CE	7:17	11:20	1.6	389	100	8.5	10.8	0.011	0.007	0.011	< 0.009
DM-A-07	Emmanuel Cruz, Cleaning File Storage South Side At Floor 17	PR-CE	12:35	14:50	1.6	216	100	2	2.5	0.005	0.013	< 0.013	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Dic-6-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a>	<b>Total Samples:</b> 21 <b>Altol Job Number:</b> ENJ-416
<b>Sampling Date:</b> Dic-5-12 <b>Analytical Method:</b> NIOSH 7400	
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Dic-5-12
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Dic-5-12
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>AIHA Lab ID:</b> 199763
<b>Worker Name:</b> Carlos Santiago	<b>Worker ID:</b> 3142
<b>Worker Name:</b> Emmanuel Cruz	<b>Worker ID:</b> 4403
<b>Worker Name:</b> Felix Velazquez	<b>Worker ID:</b> 5242
<b>Worker Name:</b> Pedro Pacheco	<b>Worker ID:</b> 2316
<b>Worker Name:</b> Edwin Irizarry	<b>Worker ID:</b> 2260
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

**Project Description:** Cleaning North Side Offices, and Cleaning File Storage Area South Side At Floor 17 & Cutting & Bagout Air Ducts At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Felix Velazquez, Rem Air Ducts At Floor 16	PR-CE	7:30	12:02	1.60	435	100	0.5	0.6	0.001	0.006	< 0.006	0.0070
DM-A-09	Felix Velazquez, Rem Air Ducts At Floor 16	PR-CE	13:07	14:46	1.60	158	100	3	3.8	0.009	0.017	< 0.017	
DM-A-10	Pedro Pacheco, Rem Air Ducts At Floor 16	PR-CE	7:29	11:56	1.60	427	100	6	7.6	0.007	0.006	0.007	0.0073
DM-A-11	Pedro Pacheco, Rem Air Ducts At Floor 16	PR-CE	13:05	14:46	1.60	162	100	2	2.5	0.006	0.017	< 0.017	
DM-A-12	Edwin Irizarry, Preparation At Floor 15	PR-CE	7:36	11:20	2.00	448	100	1	1.3	0.001	0.006	< 0.006	0.0063
DM-A-13	Edwin Irizarry, Preparation At Floor 15	PR-CE	12:30	14:36	1.60	202	100	0	0.0	0.000	0.013	0.013	
DM-A-14	Inside Working Area, Cleaning At Floor 17	CE	7:11	11:54	2.00	566	100	6	7.6	0.005	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

**Reported By:**

**David J. Meléndez**  
**Tecnico Ambiental**  
[david.melendez@altolenterprises.com](mailto:david.melendez@altolenterprises.com)  
Phone: 787-430-6145

**Date:** Dic-6-12






# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL




<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-5-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> N/A							<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 21 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-5-12 <b>Received Date:</b> Dic-5-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2316 <b>Worker ID:</b> 2260 <b>Worker ID:</b> N/A						
<b>Project Description:</b> Cleaning North Side Offices, and Cleaning File Storage Area South Side At Floor 17 & Cutting & Bagout Air Ducts At Floor 16 & Preparation At Floor 15													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 17	CE	12:50	14:54	1.95	242	100	2.5	3.2	0.005	0.011	0.011	
DM-A-16	Inside Working Area, Cleaning At Floor 16	CE	7:12	11:46	6.00	1644	100	2	2.5	0.001	0.002	0.002	
DM-A-17	Inside Working Area, Cleaning At Floor 16	CE	12:45	14:50	6.00	750	100	0.5	0.6	0.000	0.004	0.004	
DM-A-18	Inside Working Area, Cleaning At Floor 15	CE	7:36	11:20	6.00	1344	100	1	1.3	0.000	0.002	0.002	
DM-A-19	Inside Working Area, Cleaning At Floor 15	CE	12:30	14:35	6.00	750	100	0	0.0	0.000	0.004	0.004	
DM-A-20	Outside Working Area, Decon Clean Room At Floor G	OS	7:00	12:08	2.00	616	100	0	0.0	0.000	0.004	0.004	
DM-A-21	Outside Working Area, Decon Clean Room At Floor G	OS	13:04	14:58	1.85	211	100	0	0.0	0.000	0.013	0.013	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.													
<b>Reported By:</b> 		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone: 787-430-6145</b>											
<b>Date:</b> Dic-6-12													

# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

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<b>Project Description:</b> Cleaning South Side Area File Storage, At Floor 17 & Rem & Bagout Air Ducts At Floor 16 & Preparation At Floor 15													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Dwayne Rivera, Cleaning South Side File Storage Area at Floor 17	E	7:13	7:23	1.6	16	100	1.5	1.9	0.046	0.169	< 0.169	< 0.004
DM-A-04	Dwayne Rivera, Cleaning South Side File Storage Area at Floor 17	PR-CE	7:23	11:14	1.6	370	100	5	6.4	0.007	0.007	< 0.007	< 0.007
DM-A-05	Dwayne Rivera, Cleaning South Side File Storage Area at Floor 17	PR-CE	12:28	14:37	1.6	206	100	4.5	5.7	0.011	0.013	< 0.013	
DM-A-06	Pedro Velez, Washing South Side File Storage Area at Floor 17	PR-CE	7:19	11:38	1.6	414	100	0.5	0.6	0.001	0.007	< 0.007	0.007
DM-A-07	Pedro Velez, Washing South Side File Storage Area at Floor 17	PR-CE	13:09	14:44	1.6	152	100	1.5	1.9	0.005	0.018	< 0.018	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> 		<b>David J. Meléndez</b> Tecnico Ambiental <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
<b>Date:</b> Dic-7-12													

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## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

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**Project Description:** Cleaning South Side Area File Storage, At Floor 17 & Rem & Bagout Air Ducts At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Justo Cintron, Rem Air Ducts & Bagout At Floor 16	PR-CE	7:24	11:42	1.60	413	100	15.5	19.7	0.018	0.007	0.018	< 0.0166
DM-A-09	Justo Cintron, Rem Air Ducts & Bagout At Floor 16	PR-CE	13:03	14:36	1.60	149	100	10.5	13.4	0.035	0.018	0.035	
DM-A-10	Jean Oquendo, Rem Air Ducts & Bagout At Floor 16	PR-CE	7:26	11:43	1.60	411	100	4	5.1	0.005	0.007	< 0.007	0.0070
DM-A-11	Jean Oquendo, Rem Air Ducts & Bagout At Floor 16	PR-CE	13:02	14:52	1.60	176	100	0.5	0.6	0.001	0.015	< 0.015	
DM-A-12	Raul Hernandez, Preparation At Floor 15	PR-CE	7:30	11:20	2.00	460	100	0	0.0	0.000	0.006	< 0.006	0.0063
DM-A-13	Raul Hernandez, Preparation At Floor 15	PR-CE	13:04	14:54	1.60	176	100	0	0.0	0.000	0.015	0.015	
DM-A-14	Inside Working Area, Cleaning At Floor 17	CE	7:14	11:15	2.00	482	100	10	12.7	0.010	0.006	0.010	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-7-12		

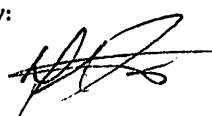
**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

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**Project Description:** Cleaning South Side Area File Storage, At Floor 17 & Rem & Bagout Air Ducts At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 17	CE	12:31	14:37	1.75	221	100	7.5	9.6	0.017	0.012	0.017	
DM-A-16	Inside Working Area, Cleaning At Floor 16	CE	7:27	11:35	6.00	1488	100	3	3.8	0.001	0.002	0.002	
DM-A-17	Inside Working Area, Cleaning At Floor 16	CE	13:04	14:40	6.00	576	100	3	3.8	0.003	0.005	0.005	
DM-A-18	Inside Working Area, Cleaning At Floor 15	CE	7:36	11:40	6.00	1464	100	0	0.0	0.000	0.002	0.002	
DM-A-19	Inside Working Area, Cleaning At Floor 15	CE	13:07	14:51	6.00	624	100	1	1.3	0.001	0.004	0.004	
DM-A-20	Outside Working Area, Decon Clean Room At Floor G	OS	7:08	12:00	2.00	584	100	1.5	1.9	0.001	0.005	0.005	
DM-A-21	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	14:58	1.85	218	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Dic-7-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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<b>Project Description:</b> Cleaning South Side Area File Storage At Floor 17, Bagout & Cleaning Air Ducts At Floor 16													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Aram Hernandez, Cleaning South Side File Storage Area at Floor 17	E	7:24	7:54	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Aram Hernandez, Cleaning South Side File Storage Area at Floor 17	PR-CE	7:54	11:29	1.6	344	100	2.5	3.2	0.004	0.008	< 0.008	< 0.007
DM-A-05	Aram Hernandez, Cleaning South Side File Storage Area at Floor 17	PR-CE	12:35	14:53	1.6	221	100	5.5	7.0	0.012	0.012	< 0.012	
DM-A-06	Felix Rivera, Washing South Side File Storage Area at Floor 17	PR-CE	7:26	11:34	1.6	397	100	2	2.5	0.002	0.007	< 0.007	0.007
DM-A-07	Felix Rivera, Washing South Side File Storage Area at Floor 17	PR-CE	12:27	14:57	1.6	240	100	3	3.8	0.006	0.011	< 0.011	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
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<b>Project Description:</b> Cleaning South Side Area File Storage At Floor 17, Bagout & Cleaning Air Ducts At Floor 16													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Luis Perez, Rem Air Ducts & Bagout At Floor 16	PR-CE	7:39	11:58	1.60	414	100	9	11.5	0.011	0.007	0.011	< 0.0093
DM-A-09	Luis Perez, Rem Air Ducts & Bagout At Floor 16	PR-CE	13:09	14:38	1.60	142	100	2.5	3.2	0.009	0.019	< 0.019	
DM-A-10	Felix Velazquez, Rem Air Ducts & Bagout At Floor 16	PR-CE	7:38	11:51	1.60	405	100	14	17.8	0.017	0.007	0.017	< 0.0137
DM-A-11	Felix Velazquez, Rem Air Ducts & Bagout At Floor 16	PR-CE	13:13	14:36	1.60	133	100	7.5	9.6	0.028	0.020	0.028	
DM-A-12	Eliezer Lopez, Bagout At Floor G	PR-CE	7:44	12:00	2.00	512	100	7	8.9	0.007	0.005	0.007	0.0074
DM-A-13	Eliezer Lopez, Bagout At Floor G	PR-CE	13:03	14:55	1.60	179	100	6	7.6	0.016	0.015	0.016	
DM-A-14	Inside Working Area, Cleaning At Floor 17	CE	7:20	11:30	2.00	500	100	8	10.2	0.008	0.005	0.008	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
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Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 17	CE	12:31	14:50	1.95	271	100	3	3.8	0.005	0.010	0.010	
DM-A-16	Inside Working Area, Cleaning At Floor 16	CE	7:40	12:00	6.00	1560	100	0.5	0.6	0.000	0.002	0.002	
DM-A-17	Inside Working Area, Cleaning At Floor 16	CE	13:08	14:38	6.00	540	100	3	3.8	0.003	0.005	0.005	
DM-A-18	Outside Working Area, Decon Clean Room At Floor G	OS	7:06	12:07	2.00	602	100	0	0.0	0.000	0.004	0.004	
DM-A-19	Outside Working Area, Decon Clean Room At Floor G	OS	13:01	15:01	1.90	228	100	0.5	0.6	0.001	0.012	0.012	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Dic-10-12		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-10-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Edwin Alicea <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Luis Perez <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-10-12 <b>Received Date:</b> Dic-10-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0841 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 1899 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning South Area File Storage At Floor 17 & Cleaning Offices Area At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Edwin Alicea, Cleaning South Area File Storage at Floor 17	E	7:17	7:47	1.6	48	100	2	2.5	0.020	0.056	< 0.056	< 0.004
DM-A-04	Edwin Alicea, Cleaning South Area File Storage at Floor 17	PR-CE	7:47	11:25	1.6	349	100	4.5	5.7	0.006	0.008	< 0.008	< 0.007
DM-A-05	Edwin Alicea, Cleaning South Area File Storage at Floor 17	PR-CE	12:37	14:57	1.6	224	100	1	1.3	0.002	0.012	< 0.012	
DM-A-06	Carlos Santiago, Cleaning South Area File Storage at Floor 17	PR-CE	7:23	11:25	1.6	387	100	6.5	8.3	0.008	0.007	0.008	< 0.008
DM-A-07	Carlos Santiago, Cleaning South Area File Storage at Floor 17	PR-CE	12:39	14:57	1.6	221	100	0	0.0	0.000	0.012	< 0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-11-12		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	<b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416
<b>Phone / Fax/Email:</b> 939-630-4370      proyectominillas1@yahoo.com	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Sampling Date:</b> Dic-10-12 <b>Analytical Method:</b> NIOSH 7400	<b>Delivery Date:</b> Dic-10-12
<b>Collected By:</b> David J. Meléndez	<b>Received Date:</b> Dic-10-12
<b>Delivery By:</b> David J. Meléndez	<b>AIHA Lab ID:</b> 199763
<b>Received By:</b> David J. Meléndez	<b>Worker ID:</b> 0841
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>Worker ID:</b> 3142
<b>Worker Name:</b> Edwin Alicea	<b>Worker ID:</b> 1899
<b>Worker Name:</b> Carlos Santiago	<b>Worker ID:</b> 3381
<b>Worker Name:</b> Luis Perez	<b>Worker ID:</b> N/A
<b>Worker Name:</b> Johusly Centeno	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	

**Project Description:** Cleaning South Area File Storage At Floor 17 & Cleaning Offices Area At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Luis Perez, Cleaning Offices Area At Floor 16	PR-CE	7:32	11:38	1.60	394	100	2	2.5	0.002	0.007	< 0.007	0.0070
DM-A-09	Luis Perez, Cleaning Offices Area At Floor 16	PR-CE	12:59	15:02	1.60	197	100	1	1.3	0.002	0.014	< 0.014	
DM-A-10	Johusly Centeno, Cleaning Offices Area At Floor 16	PR-CE	7:27	11:45	1.60	413	100	0.5	0.6	0.001	0.007	< 0.007	0.0070
DM-A-11	Johusly Centeno, Cleaning Offices Area At Floor 16	PR-CE	13:02	14:51	1.60	174	100	4.5	5.7	0.013	0.015	< 0.015	
DM-A-12	Inside Working Area, Cleaning At Floor 17	CE	7:16	11:34	2.00	516	100	5.5	7.0	0.005	0.005	< 0.005	
DM-A-13	Inside Working Area, Cleaning At Floor 17	CE	12:33	14:57	1.90	274	100	4	5.1	0.007	0.010	0.010	
DM-A-14	Inside Working Area, Cleaning At Floor 16	CE	7:30	11:39	2.00	498	100	1.5	1.9	0.001	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> david.melendez@altolenterprises.com Phone: 787-430-6145
<b>Date:</b> Dic-11-12	



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-10-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Edwin Alicea <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Luis Perez <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-10-12 <b>Received Date:</b> Dic-10-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0841 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 1899 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning South Area File Storage At Floor 17 & Cleaning Offices Area At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 16	CE	13:00	14:55	1.95	224	100	0.5	0.6	0.001	0.012	0.012	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:06	12:00	2.00	588	100	1	1.3	0.001	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:04	15:04	1.90	228	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-11-12		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-11-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Eliezer Lopez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Elmer Cruz <b>Worker Name:</b> Luis Castro <b>Worker Name:</b> N/A								<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-11-12 <b>Received Date:</b> Dic-11-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 1269 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 5227 <b>Worker ID:</b> 1462 <b>Worker ID:</b> N/A							
<b>Project Description:</b> Cleaning East Machine Room At Floor 17 & Cleaning Air Ducts, Ceiling Tiles and Offices At Floor 16															
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)		
			START	STOP											
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----			
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----			
DM-A-03	Emmanuel Cruz, Cleaning East Machine Room at Floor 17	E	7:19	7:49	1.6	48	100	3.5	4.5	0.036	0.056	< 0.056	< 0.004		
DM-A-04	Emmanuel Cruz, Cleaning East Machine Room at Floor 17	PR-CE	7:49	11:17	1.6	333	100	0	0.0	0.000	0.008	< 0.008	< 0.007		
DM-A-05	Emmanuel Cruz, Cleaning East Machine Room at Floor 17	PR-CE	12:40	14:56	1.6	218	100	0.5	0.6	0.001	0.012	< 0.012			
DM-A-06	Eliezer Lopez, Cutting Air Ducts West Side Offices At Floor 16	PR-CE	7:26	11:53	1.6	427	100	1	1.3	0.001	0.006	< 0.006	0.007		
DM-A-07	Eliezer Lopez, Cutting Air Ducts West Side Offices At Floor 16	PR-CE	13:01	14:54	1.6	181	100	0.5	0.6	0.001	0.015	< 0.015			
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.															
<b>Reported By:</b>  <b>Date:</b> Dic-12-12		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145													



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-11-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Eliezer Lopez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Elmer Cruz <b>Worker Name:</b> Luis Castro <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-11-12 <b>Received Date:</b> Dic-11-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 1269 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 5227 <b>Worker ID:</b> 1462 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning East Machine Room At Floor 17 & Cleaning Air Ducts, Ceiling Tiles and Offices At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Isaac Batista, Cleaning Ceiling And South Offices At Floor 16	PR-CE	7:29	11:53	1.60	422	100	9	11.5	0.010	0.006	0.010	< 0.0093
DM-A-09	Isaac Batista, Cleaning Ceiling And South Offices At Floor 16	PR-CE	13:04	14:59	1.60	184	100	1	1.3	0.003	0.015	< 0.015	
DM-A-10	Elmer Cruz, Cleaning Ceiling And South Offices At Floor 16	PR-CE	7:32	11:47	1.60	408	100	0	0.0	0.000	0.007	< 0.007	0.0070
DM-A-11	Elmer Cruz, Cleaning Ceiling And South Offices At Floor 16	PR-CE	13:02	14:59	1.60	187	100	1.5	1.9	0.004	0.014	< 0.014	
DM-A-12	Luis Castro, Cleaning Ceiling And South Offices At Floor 16	PR-CE	7:31	11:45	2.00	508	100	4.5	5.7	0.004	0.005	< 0.005	0.0063
DM-A-13	Luis Castro, Cleaning Ceiling And South Offices At Floor 16	PR-CE	13:03	14:50	1.60	171	100	0.5	0.6	0.001	0.016	0.016	
DM-A-14	Inside Working Area, Cleaning At Floor 17	CE	7:15	11:30	2.00	510	100	2	2.5	0.002	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-12-12		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-11-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Eliezer Lopez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Elmer Cruz <b>Worker Name:</b> Luis Castro <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-11-12 <b>Received Date:</b> Dic-11-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 1269 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 5227 <b>Worker ID:</b> 1462 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning East Machine Room At Floor 17 & Cleaning Air Ducts, Ceiling Tiles and Offices At Floor 16

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 17	CE	13:00	14:54	1.90	217	100	0	0.0	0.000	0.012	0.012	
DM-A-16	Inside Working Area, Cleaning At Floor 16	CE	7:22	11:33	6.00	1506	100	7.5	9.6	0.002	0.002	0.002	
DM-A-17	Inside Working Area, Cleaning At Floor 16	CE	13:07	14:55	6.00	648	100	3	3.8	0.002	0.004	0.004	
DM-A-18	Outside Working Area, Decon Clean Room At Floor G	OS	7:04	11:58	2.00	588	100	0	0.0	0.000	0.005	0.005	
DM-A-19	Outside Working Area, Decon Clean Room At Floor G	OS	12:56	15:02	1.90	239	100	1	1.3	0.002	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-12-12		




**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-13-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> N/A								<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-13-12 <b>Received Date:</b> Dic-13-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2260 <b>Worker ID:</b> 6845 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A							
<b>Project Description:</b> Cleaning West Side Offices At Floor 16 & Preparation At Floor 15															
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)		
			START	STOP											
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----			
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----			
DM-A-03	Luis Quiñones, Cleaning West Side Offices at Floor 16	E	7:08	7:38	1.6	48	100	1.5	1.9	0.015	0.056	< 0.056	< 0.004		
DM-A-04	Luis Quiñones, Cleaning West Side Offices at Floor 16	PR-CE	7:38	11:47	1.6	398	100	4	5.1	0.005	0.007	< 0.007		0.007	
DM-A-05	Luis Quiñones, Cleaning West Side Offices at Floor 16	PR-CE	13:02	14:35	1.6	149	100	2	2.5	0.007	0.018	< 0.018			
DM-A-06	Edwin Irizarry, Cleaning West Side Offices at Floor 16	PR-CE	7:11	11:45	1.6	438	100	8	10.2	0.009	0.006	0.009		< 0.009	
DM-A-07	Edwin Irizarry, Cleaning West Side Offices at Floor 16	PR-CE	13:03	14:37	1.6	150	100	3.5	4.5	0.011	0.018	< 0.018			
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.															
<b>Reported By:</b> 		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145													
<b>Date:</b> Dic-13-12															



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-13-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> N/A								<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-13-12 <b>Received Date:</b> Dic-13-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2260 <b>Worker ID:</b> 6845 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A							
<b>Project Description:</b> Cleaning West Side Offices At Floor 16 & Preparation At Floor 15															
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)		
			START	STOP											
DM-A-08	Raul Hernandez, Cleaning West Side Offices at Floor 16	PR-CE	7:15	11:45	1.60	432	100	3	3.8	0.003	0.006	< 0.006	0.0070		
DM-A-09	Raul Hernandez, Cleaning West Side Offices at Floor 16	PR-CE	13:09	14:48	1.60	158	100	1	1.3	0.003	0.017	< 0.017			
DM-A-10	Luis Echevarria, Preparation At Floor 15	PP	7:21	11:17	1.60	378	100	0	0.0	0.000	0.007	< 0.007	< 0.0070		
DM-A-11	Luis Echevarria, Preparation At Floor 15	PP	12:38	14:56	1.60	221	100	0.5	0.6	0.001	0.012	< 0.012			
DM-A-12	Johusly Centeno, Preparation At Floor 15	PP	7:19	11:17	1.60	381	100	1.5	1.9	0.002	0.007	< 0.007	< 0.0070		
DM-A-13	Johusly Centeno, Preparation At Floor 15	PP	12:35	14:56	1.60	226	100	0	0.0	0.000	0.012	0.012			
DM-A-14	Inside Working Area, Cleaning At Floor 16	CE	7:11	11:50	2.00	558	100	8	10.2	0.007	0.005	0.007			
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.															
<b>Reported By:</b>  <b>Date:</b> Dic-13-12		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145													



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-13-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-13-12 <b>Received Date:</b> Dic-13-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2260 <b>Worker ID:</b> 6845 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning West Side Offices At Floor 16 & Preparation At Floor 15


Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 16	CE	13:00	14:40	1.85	185	100	3.5	4.5	0.009	0.015	0.015	
DM-A-16	Inside Working Area, Preparation At Floor 15	PP	7:20	11:15	6.00	1410	100	0	0.0	0.000	0.002	0.002	
DM-A-17	Inside Working Area, Preparation At Floor 15	PP	12:30	14:59	6.00	894	100	2	2.5	0.001	0.003	0.003	
DM-A-18	Outside Working Area, Decon Clean Room At Floor G	OS	7:03	12:00	2.00	594	100	0	0.0	0.000	0.005	0.005	
DM-A-19	Outside Working Area, Decon Clean Room At Floor G	OS	13:15	15:04	1.75	191	100	0	0.0	0.000	0.014	0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-13-12		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-12-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A						<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-12-12 <b>Received Date:</b> Dic-12-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4316 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 8689 <b>Worker ID:</b> 2260 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A							
<b>Project Description:</b> Final Cleaning at Floor 17, Cleaning South Side Offices at Floor 16 & Preparation at Floor 15													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Cesar Ocasio, Cleaning South Side Offices at Floor 16	E	7:17	7:47	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	< 0.004
DM-A-04	Cesar Ocasio, Cleaning South Side Offices at Floor 16	PR-CE	7:47	11:53	1.6	394	100	8.5	10.8	0.011	0.007	0.011	< 0.009
DM-A-05	Cesar Ocasio, Cleaning South Side Offices at Floor 16	PR-CE	12:57	14:56	1.6	190	100	2	2.5	0.005	0.014	< 0.014	
DM-A-06	Aram Hernandez, Final Cleaning Floor 17	PR-CE	7:14	9:19	1.6	200	100	0.5	0.6	0.001	0.014	< 0.014	< 0.004
DM-A-07	Carlos Ferrer, Cleaning South Side Offices at Floor 16	PR-CE	7:23	11:55	1.6	435	100	0.5	0.6	0.001	0.006	< 0.006	0.007
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Dic-14-12		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



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**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-12-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-12-12 <b>Received Date:</b> Dic-12-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4316 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 8689 <b>Worker ID:</b> 2260 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A
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**Project Description:** Final Cleaning at Floor 17, Cleaning South Side Offices at Floor 16 & Preparation at Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Carlos Ferrer, Cleaning South Side Offices at Floor 16	PR-CE	13:00	14:57	1.60	187	100	4.5	5.7	0.012	0.014	< 0.014	< 0.0070
DM-A-09	Edwin Irizarry, Cleaning South Side Offices at Floor 16	PR-CE	7:20	11:54	1.60	438	100	0.5	0.6	0.001	0.006	< 0.006	< 0.0070
DM-A-10	Edwin Irizarry, Cleaning South Side Offices at Floor 16	PR-CE	12:59	14:56	1.60	187	100	4	5.1	0.010	0.014	< 0.014	
DM-A-11	Dwayne Rivera, Preparation at Floor 15	PR-PP	7:28	11:44	1.60	410	100	1	1.3	0.001	0.007	< 0.007	< 0.0070
DM-A-12	Dwayne Rivera, Preparation at Floor 15	PR-PP	13:04	14:45	1.60	162	100	0	0.0	0.000	0.017	< 0.017	
DM-A-13	Inside Working Area, Final Cleaning At Floor 17	CE	7:14	9:19	1.90	238	100	0	0.0	0.000	0.011	0.011	
DM-A-14	Inside Working Area, Cleaning At Floor 16	CE	7:24	11:58	6.00	1644	100	4.5	5.7	0.001	0.002	0.002	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-14-12		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-12-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> Edwin Irizarry <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A						<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-12-12 <b>Received Date:</b> Dic-12-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4316 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 8689 <b>Worker ID:</b> 2260 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A							
<b>Project Description:</b> Final Cleaning at Floor 17, Cleaning South Side Offices at Floor 16 & Preparation at Floor 15													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 16	CE	13:07	14:56	6.00	654	100	4	5.1	0.003	0.004	0.004	
DM-A-16	Inside Working Area, Preparation At Floor 15	PP	7:28	11:46	6.00	1548	100	0.5	0.6	0.000	0.002	0.002	
DM-A-17	Inside Working Area, Preparation At Floor 15	PP	13:11	14:45	6.00	564	100	1	1.3	0.001	0.005	0.005	
DM-A-18	Outside Working Area, Decon Clean Room At Floor G	OS	7:11	12:00	2.00	578	100	1.5	1.9	0.001	0.005	0.005	
DM-A-19	Outside Working Area, Decon Clean Room At Floor G	OS	13:02	15:00	1.75	207	100	2.5	3.2	0.006	0.013	0.013	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> 		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145											
<b>Date:</b> Dic-14-12													



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-14-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-14-12 <b>Received Date:</b> Dic-14-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8689 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 6845 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Offices At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Carlos Ferrer, Cleaning Offices at Floor 16	E	7:20	7:50	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Carlos Ferrer, Cleaning Offices at Floor 16	PR-CE	7:50	11:42	1.6	371	100	4	5.1	0.005	0.007	< 0.007	< 0.007
DM-A-05	Carlos Ferrer, Cleaning Offices at Floor 16	PR-CE	13:02	14:50	1.6	173	100	2	2.5	0.006	0.016	< 0.016	
DM-A-06	Luis Quiñones, Cleaning Offices at Floor 16	PR-CE	7:24	11:42	1.6	413	100	2	2.5	0.002	0.007	< 0.007	0.007
DM-A-07	Luis Quiñones, Cleaning Offices at Floor 16	PR-CE	13:00	14:50	1.6	176	100	1	1.3	0.003	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-17-12		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-14-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-14-12 <b>Received Date:</b> Dic-14-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8689 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 6845 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Offices At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Emmanuel Cruz, Cleaning Offices at Floor 16	PR-CE	7:25	11:40	1.60	408	100	0.5	0.6	0.001	0.007	< 0.007	0.0070
DM-A-09	Emmanuel Cruz, Cleaning Offices at Floor 16	PR-CE	13:05	14:47	1.60	163	100	2.5	3.2	0.008	0.017	< 0.017	
DM-A-10	Raul Hernandez, Cleaning Offices at Floor 16	PP	7:28	11:41	1.60	405	100	0	0.0	0.000	0.007	< 0.007	0.0070
DM-A-11	Raul Hernandez, Cleaning Offices at Floor 16	PP	13:00	14:49	1.60	174	100	1	1.3	0.003	0.015	< 0.015	
DM-A-12	Dwayne Rivera, Preparation At Floor 15	PP	7:36	11:29	1.60	373	100	0.5	0.6	0.001	0.007	< 0.007	< 0.0070
DM-A-13	Dwayne Rivera, Preparation At Floor 15	PP	12:26	14:58	1.60	243	100	0	0.0	0.000	0.011	0.011	
DM-A-14	Inside Working Area, Cleaning At Floor 16	CE	7:30	11:48	2.00	516	100	6	7.6	0.006	0.005	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-17-12		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-14-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A							<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-14-12 <b>Received Date:</b> Dic-14-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8689 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 6845 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A						
<b>Project Description:</b> Cleaning Offices At Floor 16 & Preparation At Floor 15													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 16	CE	13:01	14:50	1.85	202	100	3.5	4.5	0.009	0.013	0.013	
DM-A-16	Inside Working Area, Preparation At Floor 15	PP	7:36	11:30	6.00	1404	100	1.5	1.9	0.001	0.002	0.002	
DM-A-17	Inside Working Area, Preparation At Floor 15	PP	12:25	14:58	6.00	918	100	0	0.0	0.000	0.003	0.003	
DM-A-18	Outside Working Area, Decon Clean Room At Floor G	OS	7:05	11:57	2.00	584	100	0.5	0.6	0.000	0.005	0.005	
DM-A-19	Outside Working Area, Decon Clean Room At Floor G	OS	12:54	15:00	1.75	221	100	0	0.0	0.000	0.012	0.012	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> 		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
<b>Date:</b> Dic-17-12													





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-17-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-17-12 <b>Received Date:</b> Dic-17-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 8689 <b>Worker ID:</b> N/A
--	---

**Project Description:** Cleaning Offices At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Santos, Cleaning Offices at Floor 16	E	7:14	7:44	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	< 0.004
DM-A-04	Felix Santos, Cleaning Offices at Floor 16	PR-CE	7:44	11:48	1.6	390	100	0	0.0	0.000	0.007	< 0.007	0.007
DM-A-05	Felix Santos, Cleaning Offices at Floor 16	PR-CE	13:03	14:49	1.6	170	100	1	1.3	0.003	0.016	< 0.016	
DM-A-06	Luis Echevarria, Cleaning Offices at Floor 16	PR-CE	7:18	11:45	1.6	427	100	1.5	1.9	0.002	0.006	< 0.006	0.007
DM-A-07	Luis Echevarria, Cleaning Offices at Floor 16	PR-CE	13:07	14:47	1.6	160	100	0	0.0	0.000	0.017	< 0.017	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-18-12		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-17-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-17-12 <b>Received Date:</b> Dic-17-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 8689 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Offices At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Aram Hernandez, Cleaning Offices at Floor 16	PR-CE	7:17	11:52	1.60	440	100	2.5	3.2	0.003	0.006	< 0.006	0.0070
DM-A-09	Aram Hernandez, Cleaning Offices at Floor 16	PR-CE	13:04	14:53	1.60	174	100	1	1.3	0.003	0.015	< 0.015	
DM-A-10	Luis Lugo, Cleaning Offices at Floor 16	PR-CE	7:19	11:45	1.60	426	100	0	0.0	0.000	0.006	< 0.006	0.0070
DM-A-11	Luis Lugo, Cleaning Offices at Floor 16	PR-CE	13:05	14:55	1.60	176	100	4.5	5.7	0.013	0.015	< 0.015	
DM-A-12	Carlos Ferrer, Preparation At Floor 15	PR-PP	7:27	11:16	1.60	366	100	0	0.0	0.000	0.007	< 0.007	< 0.0070
DM-A-13	Carlos Ferrer, Preparation At Floor 15	PR-PP	12:30	14:58	1.60	237	100	0.5	0.6	0.001	0.011	0.011	
DM-A-14	Inside Working Area, Cleaning At Floor 16	CE	7:16	11:48	2.00	544	100	5	6.4	0.005	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone: 787-430-6145</b>	
<b>Date:</b> Dic-18-12		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   proyectorminillas1@yahoo.com <b>Sampling Date:</b> Dic-17-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 19 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-17-12 <b>Received Date:</b> Dic-17-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 8689 <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Offices At Floor 16 & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 16	CE	13:05	14:40	1.90	181	100	2	2.5	0.005	0.015	0.015	
DM-A-16	Inside Working Area, Preparation At Floor 15	PP	7:25	11:15	6.00	1380	100	0.5	0.6	0.000	0.002	0.002	
DM-A-17	Inside Working Area, Preparation At Floor 15	PP	12:30	14:55	6.00	870	100	0	0.0	0.000	0.003	0.003	
DM-A-18	Outside Working Area, Decon Clean Room At Floor G	OS	7:05	11:55	2.00	580	100	1.5	1.9	0.001	0.005	0.005	
DM-A-19	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:04	1.90	236	100	1	1.3	0.002	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-18-12		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe						<b>Project Name:</b> Centro Minillas North Tower, San Juan							
<b>Contact:</b> Hector Oquendo						<b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416							
<b>Phone / Fax/Email:</b> 939-630-4370			<a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a>										
<b>Sampling Date:</b> Dic-18-12			<b>Analytical Method:</b> NIOSH 7400										
<b>Collected By:</b> David J. Meléndez						<b>Collected ID:</b> ASB-0510-0284-MS							
<b>Delivery By:</b> David J. Meléndez						<b>Delivery Date:</b> Dic-18-12							
<b>Received By:</b> David J. Meléndez						<b>Received Date:</b> Dic-18-12							
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>						<b>AIHA Lab ID:</b> 199763							
<b>Worker Name:</b> Pedro Pacheco						<b>Worker ID:</b> 2316							
<b>Worker Name:</b> Felix Rivera						<b>Worker ID:</b> 9476							
<b>Worker Name:</b> Isaac Batista						<b>Worker ID:</b> 5214							
<b>Worker Name:</b> N/A						<b>Worker ID:</b> N/A							
<b>Worker Name:</b> N/A						<b>Worker ID:</b> N/A							
<b>Worker Name:</b> N/A						<b>Worker ID:</b> N/A							
<b>Project Description:</b> Cleaning Offices, Rem of Ceiling Tiles & Preparation At Floor 15													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Pedro Pacheco, Cleaning Offices & Rem Ceiling Tiles At Floor 15	E	7:07	7:37	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Pedro Pacheco, Cleaning Offices & Rem Ceiling Tiles At Floor 15	PR-CE	7:37	11:24	1.6	363	100	3	3.8	0.004	0.007	< 0.007	< 0.007
DM-A-05	Pedro Pacheco, Cleaning Offices & Rem Ceiling Tiles At Floor 15	PR-CE	12:30	14:53	1.6	229	100	4	5.1	0.009	0.012	< 0.012	
DM-A-06	Felix Rivera, Cleaning Offices & Rem Ceiling Tiles At Floor 15	PR-CE	7:09	11:24	1.6	408	100	1.5	1.9	0.002	0.007	< 0.007	0.007
DM-A-07	Felix Rivera, Cleaning Offices & Rem Ceiling Tiles At Floor 15	PR-CE	12:32	14:55	1.6	229	100	1.5	1.9	0.003	0.012	< 0.012	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> 		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
<b>Date:</b> Dic-19-12													





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-18-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-18-12 <b>Received Date:</b> Dic-18-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2316 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Offices, Rem of Ceiling Tiles & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Isaac Batista, Cleaning Offices Preparation of Plastic at Floor 15	PR-CE	7:14	11:30	1.60	410	100	7	8.9	0.008	0.007	0.008	< 0.0083
DM-A-09	Isaac Batista, Cleaning Offices Preparation of Plastic at Floor 15	PR-CE	12:29	14:47	1.60	221	100	6	7.6	0.013	0.012	0.013	
DM-A-10	Inside Working Area, Cleaning At Floor 15	CE	7:11	11:32	2.00	522	100	5	6.4	0.005	0.005	< 0.005	
DM-A-11	Inside Working Area, Cleaning At Floor 15	CE	12:35	14:50	1.85	250	100	3.5	4.5	0.007	0.011	< 0.011	
DM-A-12	Outside Working Area, Decon Clean Room At Floor G	OS	7:03	11:39	2.00	552	100	0	0.0	0.000	0.005	< 0.005	
DM-A-13	Outside Working Area, Decon Clean Room At Floor G	OS	12:25	14:58	1.75	268	100	1	1.3	0.002	0.010	0.010	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-19-12		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a>	<b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416
<b>Sampling Date:</b> Dic-18-12 <b>Analytical Method:</b> NIOSH 7400	
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Dic-18-12
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Dic-18-12
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>AIHA Lab ID:</b> 199763
<b>Worker Name:</b> Pedro Pacheco	<b>Worker ID:</b> 2316
<b>Worker Name:</b> Felix Rivera	<b>Worker ID:</b> 9476
<b>Worker Name:</b> Isaac Batista	<b>Worker ID:</b> 5214
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

**Project Description:** Cleaning Offices, Rem of Ceiling Tiles & Preparation At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									

MFC = Measured Fibers Concentration, LOD = Limit of Detection, RFC = Reported Fibers Concentration, T.W.A = Time Weighted Average, PR = Personal  
T = Type of Sample, BG = Background, EX = Exposure, OS = Outside, PP = Preparation, RM = Removal, CE = Cleaning, CL = Clearance, E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-19-12		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS


### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL

Customer Name: Vanguard Caribe		Project Name: Centro Minillas North Tower, San Juan	
Contact: Hector Oquendo		Total Samples: 19      Altol Job Number: ENJ-416	
Phone / Fax/Email: 939-630-4370	proyectominillas1@yahoo.com	Collected ID: ASB-0510-0284-MS	
Sampling Date: Dic-19-12	Analytical Method: NIOSH 7400	Delivery Date: Dic-19-12	
Collected By: David J. Meléndez		Received Date: Dic-19-12	
Delivery By: David J. Meléndez		AIHA Lab ID: 199763	
Received By: David J. Meléndez		Worker ID: 3142	
Analyzed By: David J. Meléndez	Altol Chemical Environmental Laboratory, Inc.	Worker ID: 0897	
Worker Name: Carlos Santiago		Worker ID: 4316	
Worker Name: Jose Perez		Worker ID: 5227	
Worker Name: Cesar Ocasio		Worker ID: 2887	
Worker Name: Elmer Cruz		Worker ID: N/A	
Worker Name: Jean Oquendo			
Worker Name: N/A			

Project Description: Cleaning Air Ducts, Desks & Rem Accustics Ceiling Tiles at Floor 15 & Preparation at Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Carlos Santiago, Cleaning Air Ducts & Desks at Floor 15	E	7:19	7:49	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.004
DM-A-04	Carlos Santiago, Cleaning Air Ducts & Desks at Floor 15	PR-CE	7:49	11:58	1.6	398	100	7.5	9.6	0.009	0.007	0.009	< 0.008
DM-A-05	Carlos Santiago, Cleaning Air Ducts & Desks at Floor 15	PR-CE	13:04	14:42	1.6	157	100	3	3.8	0.009	0.017	< 0.017	
DM-A-06	Jose Perez, Cleaning Air Ducts & Desks at Floor 15	PR-CE	7:23	11:56	1.6	437	100	10	12.7	0.011	0.006	0.011	< 0.011
DM-A-07	Jose Perez, Cleaning Air Ducts & Desks at Floor 15	PR-CE	13:06	14:45	1.6	158	100	6.5	8.3	0.020	0.017	0.020	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

Reported By: 	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Dic-20-12	

Customer Name: Vanguard Caribe		Project Name: Centro Minillas North Tower, San Juan	
Contact: Hector Oquendo		Total Samples: 19      Altol Job Number: ENJ-416	
Phone / Fax/Email: 939-630-4370	proyectominillas1@yahoo.com	Collected ID: ASB-0510-0284-MS	
Sampling Date: Dic-19-12	Analytical Method: NIOSH 7400	Delivery Date: Dic-19-12	
Collected By: David J. Meléndez		Received Date: Dic-19-12	
Delivery By: David J. Meléndez		AIHA Lab ID: 199763	
Received By: David J. Meléndez		Worker ID: 3142	
Analized By: David J. Meléndez	Altol Chemical Environmental Laboratory, Inc.	Worker ID: 0897	
Worker Name: Carlos Santiago		Worker ID: 4316	
Worker Name: Jose Perez		Worker ID: 5227	
Worker Name: Cesar Ocasio		Worker ID: 2887	
Worker Name: Elmer Cruz		Worker ID: N/A	
Worker Name: Jean Oquendo			
Worker Name: N/A			

Project Description: Cleaning Air Ducts, Desks & Rem Accustics Ceiling Tiles at Floor 15 & Preparation at Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Cesar Ocasio, Cleaning & Rem Ceiling Accustics at Floor 15	PR-CE	7:27	11:29	1.60	387	100	4	5.1	0.005	0.007	< 0.007	0.0093
DM-A-09	Cesar Ocasio, Cleaning & Rem Ceiling Accustics at Floor 15	PR-CE	12:35	14:53	1.60	221	100	9	11.5	0.020	0.012	0.020	
DM-A-10	Elmer Cruz, Cleaning & Rem Ceiling Accustics at Floor 15	PR-CE	7:27	11:33	1.60	394	100	2.5	3.2	0.003	0.007	< 0.007	0.0070
DM-A-11	Elmer Cruz, Cleaning & Rem Ceiling Accustics at Floor 15	PR-CE	12:37	14:53	1.60	218	100	4.5	5.7	0.010	0.012	< 0.012	
DM-A-12	Jean Oquendo, Preparation At Floor 14	PR-PP	7:38	11:42	1.60	390	100	0	0.0	0.000	0.007	< 0.007	0.0070
DM-A-13	Jean Oquendo, Preparation At Floor 14	PR-PP	12:45	15:00	1.60	216	100	1	1.3	0.002	0.013	0.013	
DM-A-14	Inside Working Area, Cleaning At Floor 15	CE	7:21	11:55	2.00	548	100	6	7.6	0.005	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

Reported By: 	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Dic-20-12	




Customer Name: Vanguard Caribe		Project Name: Centro Minillas North Tower, San Juan	
Contact: Hector Oquendo		Total Samples: 19      Altol Job Number: ENJ-416	
Phone / Fax/Email: 939-630-4370	proyectominillas1@yahoo.com	Collected ID: ASB-0510-0284-MS	
Sampling Date: Dic-19-12	Analytical Method: NIOSH 7400	Delivery Date: Dic-19-12	
Collected By: David J. Meléndez		Received Date: Dic-19-12	
Delivery By: David J. Meléndez		AIHA Lab ID: 199763	
Received By: David J. Meléndez		Worker ID: 3142	
Analized By: David J. Meléndez	Altol Chemical Environmental Laboratory, Inc.	Worker ID: 0897	
Worker Name: Carlos Santiago		Worker ID: 4316	
Worker Name: Jose Perez		Worker ID: 5227	
Worker Name: Cesar Ocasio		Worker ID: 2887	
Worker Name: Elmer Cruz		Worker ID: N/A	
Worker Name: Jean Oquendo			
Worker Name: N/A			

Project Description: Cleaning Air Ducts, Desks & Rem Accustics Ceiling Tiles at Floor 15 & Preparation at Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 15	CE	13:02	14:50	1.85	200	100	1.5	1.9	0.004	0.014	0.014	
DM-A-16	Inside Working Area, Preparation At Floor 14	PP	7:35	11:24	6.00	1374	100	0.5	0.6	0.000	0.002	0.002	
DM-A-17	Inside Working Area, Preparation At Floor 14	PP	12:30	15:04	6.00	924	100	2.5	3.2	0.001	0.003	0.003	
DM-A-18	Outside Working Area, Decon Clean Room At Floor G	OS	7:11	12:02	2.00	582	100	0	0.0	0.000	0.005	0.005	
DM-A-19	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:06	1.75	221	100	1.5	1.9	0.003	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

Reported By: 	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Dic-20-12	



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS

### SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



Customer Name: Vanguard Caribe		Project Name: Centro Minillas North Tower, San Juan	
Contact: Hector Oquendo		Total Samples: 15      Altol Job Number: ENJ-416	
Phone / Fax/Email: 939-630-4370	proyectominillas1@yahoo.com	Collected ID: ASB-0510-0284-MS	
Sampling Date: Dic-20-12	Analytical Method: NIOSH 7400	Delivery Date: Dic-20-12	
Collected By: David J. Meléndez		Received Date: Dic-20-12	
Delivery By: David J. Meléndez		AIHA Lab ID: 199763	
Received By: David J. Meléndez		Worker ID: 6463	
Analized By: David J. Meléndez	Altol Chemical Environmental Laboratory, Inc.	Worker ID: 5214	
Worker Name: Luis Echevarria		Worker ID: 5242	
Worker Name: Isaac Batista		Worker ID: 3381	
Worker Name: Felix Velazquez		Worker ID: N/A	
Worker Name: Johusly Centeno		Worker ID: N/A	
Worker Name: N/A			
Worker Name: N/A			

Project Description: Cleaning West Side Offices Area Air Ducts, Desks at Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, Cleaning Air Ducts & Desks West Side at Floor 15	E	7:03	7:33	1.6	48	100	1	1.3	0.010	0.056	< 0.056	< 0.056
DM-A-04	Luis Echevarria, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	7:33	11:49	1.6	410	100	4	5.1	0.005	0.007	< 0.007	0.007
DM-A-05	Luis Echevarria, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	12:42	14:48	1.6	202	100	3.5	4.5	0.009	0.013	< 0.013	
DM-A-06	Isaac Batista, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	7:05	11:49	1.6	454	100	0.5	0.6	0.001	0.006	< 0.006	0.007
DM-A-07	Isaac Batista, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	12:53	14:47	1.6	182	100	0	0.0	0.000	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

Reported By:	David J. Meléndez Tecnico Ambiental david.melendez@altolenterprises.com Phone: 787-430-6145
Date: Dic-26-12	





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-20-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-20-12 <b>Received Date:</b> Dic-20-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
--	--

**Project Description:** Cleaning West Side Offices Area Air Ducts, Desks at Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs
			START	STOP									(f/cc)
DM-A-08	Felix Velazquez, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	7:05	11:45	1.60	448	100	5.5	7.0	0.006	0.006	< 0.006	0.0070
DM-A-09	Felix Velazquez, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	12:44	14:45	1.60	194	100	1	1.3	0.003	0.014	< 0.014	
DM-A-10	Johusly Centeno, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	7:26	11:19	1.60	373	100	1.5	1.9	0.002	0.007	< 0.007	< 0.0070
DM-A-11	Johusly Centeno, Cleaning Air Ducts & Desks West Side at Floor 15	PR-CE	12:44	14:52	1.60	205	100	2	2.5	0.005	0.013	< 0.013	
DM-A-12	Inside Working Area, Cleaning At Floor 15	CE	7:19	11:36	2.00	514	100	7	8.9	0.007	0.005	0.007	
DM-A-13	Inside Working Area, Cleaning At Floor 15	CE	12:53	14:56	1.85	228	100	3.5	4.5	0.008	0.012	0.012	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:00	11:48	2.00	576	100	0	0.0	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-26-12		

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-20-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez    Altol Chemical Environmental Laboratory, Inc. <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-20-12 <b>Received Date:</b> Dic-20-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 3381 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning West Side Offices Area Air Ducts, Desks at Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	12:35	15:00	1.95	283	100	0.5	0.6	0.001	0.010	0.010	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-26-12		



# ALTOL ENVIRONMENTAL SERVICES, INC.

PO BOX 359 MERCEDITA, PR 00715-0359

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 787-836-5050 <b>Sampling Date:</b> Dic-21-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> Jose J.Reyes Rivera <b>Delivery By:</b> Jose J.Reyes Rivera <b>Received By:</b> Jose J.Reyes Rivera <b>Analyzed By:</b> Jose J.Reyes Rivera Altol Chemical Environmental Laboratory, Inc. <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A							<b>Project Name:</b> Centro Minillas North Tower <b>Total Samples:</b> 13 <b>Job Number:</b> ENJ-416 <b>Custody Record #:</b> <b>Collected ID:</b> ASB-1011-0531-MS <b>Delivery Date:</b> Dic-21-12 <b>Received Date:</b> Dic-21-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 4316 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A						
<b>Project Description:</b> Limpieza General piso #15 torre norte.													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS COUNTED	TOTAL FIBERS COUNTED	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
JR-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
JR-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
JR-A-03	Aram Hernandez Limpieza piso #15 torre norte	E	7:13	7:43	1.6	48	100	0	0.0	0.0000	0.0562	< 0.0562	0.0633
JR-A-04	Aram Hernandez Limpieza piso #15 torre norte	PR-CE	7:43	12:05	1.6	419	100	2	2.5	0.0023	0.0064	< 0.0064	
JR-A-05	Aram Hernandez Limpieza piso #15 torre norte	PR-CE	12:40	15:32	1.6	275	100	4.5	5.7	0.0080	0.0098	< 0.0098	
JR-A-06	Cesar Ocasio Limpieza piso #15 torre norte	PR-CE	7:46	12:06	1.6	416	100	0.5	0.6	0.0006	0.0065	< 0.0065	0.0070
JR-A-07	Cesar Ocasio Limpieza piso #15 torre norte	PR-CE	12:41	15:35	1.6	278	100	1	1.3	0.0018	0.0097	< 0.0097	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.													
<b>Reported By:</b>		Jose J.Reyes Rivera					<b>Verified By:</b>						
<b>Date:</b>							<b>Date:</b>						



# ALTOL ENVIRONMENTAL SERVICES, INC.

PO BOX 359 MERCEDITA, PR 00715-0359

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS



<b>Customer Name:</b> Vanguard Caribe							<b>Project Name:</b> Centro Minillas North Tower						
<b>Contact:</b> Hector Oquendo							<b>Total Samples:</b> 13 <b>Job Number:</b> ENJ-416						
<b>Phone / Fax/Email:</b> 787-836-5050							<b>Custody Record #:</b>						
<b>Sampling Date:</b> Dic-21-12 <b>Analytical Method:</b> NIOSH 7400							<b>Collected ID:</b> ASB-1011-0531-MS						
<b>Collected By:</b> Jose J.Reyes Rivera							<b>Delivery Date:</b> Dic-21-12						
<b>Delivery By:</b> Jose J.Reyes Rivera							<b>Received Date:</b> Dic-21-12						
<b>Received By:</b> Jose J.Reyes Rivera							<b>AIHA Lab ID:</b> 199763						
<b>Analyzed By:</b> Jose J.Reyes Rivera      Altol Chemical Environmental Laboratory, Inc.							<b>Worker ID:</b> 2393						
<b>Worker Name:</b> Aram Hernandez							<b>Worker ID:</b> 4316						
<b>Worker Name:</b> Cesar Ocasio							<b>Worker ID:</b> N/A						
<b>Worker Name:</b> N/A							<b>Worker ID:</b> N/A						
<b>Worker Name:</b> N/A							<b>Worker ID:</b> N/A						

<b>Project Description:</b> Limpieza General piso #15 torre norte.													
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Sample ID	Location	Type	TIME		FLOW RATE (LPM)	(Liters)	TOTAL FIELDS COUNTED	TOTAL FIBERS COUNTED	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
JR-A-08	Inside Working Area, piso #15	CE	7:48	12:08	2.50	650	100	5.5	7.0	0.0041	0.0042	< 0.0042	
JR-A-09	Inside Working Area, piso #15	CE	12:42	15:55	2.50	483	100	0.5	0.6	0.0005	0.0056	< 0.0056	
JR-A-10	Inside Working Area, piso #15	CE	7:40	11:57	2.50	643	100	1	1.3	0.0008	0.0042	< 0.0042	
JR-A-11	Inside Working Area, piso #15	CE	12:30	15:40	2.50	475	100	0	0.0	0.0000	0.0057	< 0.0057	
JR-A-12	Outside Working Area, Decon clean room	OS	7:10	12:14	2.50	760	100	1	1.3	0.0006	0.0036	< 0.0036	
JR-A-13	Outside Working Area, Decon clean room	OS	12:55	15:38	2.50	408	100	2	2.5	0.0024	0.0066	< 0.0066	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>	Jose J.Reyes Rivera	<b>Verified By:</b>	
<b>Date:</b>		<b>Date:</b>	





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   proyectominillas1@yahoo.com <b>Sampling Date:</b> Dic-26-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Perez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-26-12 <b>Received Date:</b> Dic-26-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 1899 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Carpets & Desks South Side Offices Area At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, Cleaning Carpets & Desks South Side Offices at Floor 15	E	7:27	7:57	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.056
DM-A-04	Luis Echevarria, Cleaning Carpets & Desks South Side Offices at Floor 15	PR-CE	7:57	11:39	1.6	355	100	0.5	0.6	0.001	0.008	< 0.008	< 0.007
DM-A-05	Luis Echevarria, Cleaning Carpets & Desks South Side Offices at Floor 15	PR-CE	12:56	14:52	1.6	186	100	0	0.0	0.000	0.015	< 0.015	
DM-A-06	Felix Santos, Cleaning Carpets & Desks South Side Offices at Floor 15	PR-CE	7:32	11:39	1.6	395	100	1	1.3	0.001	0.007	< 0.007	0.007
DM-A-07	Felix Santos, Cleaning Carpets & Desks South Side Offices at Floor 15	PR-CE	12:52	14:52	1.6	192	100	0	0.0	0.000	0.014	< 0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-27-12		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-26-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> Luis Perez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-26-12 <b>Received Date:</b> Dic-26-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5796 <b>Worker ID:</b> 1899 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Carpets & Desks South Side Offices Area At Floor 15

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Luis Perez, Cleaning Carpets & Desks South Side Offices at Floor 15	PR-CE	7:30	11:38	1.60	397	100	1.5	1.9	0.002	0.007	< 0.007	0.0070
DM-A-09	Luis Perez, Cleaning Carpets & Desks South Side Offices at Floor 15	PR-CE	13:00	14:49	1.60	174	100	0.5	0.6	0.001	0.015	< 0.015	
DM-A-10	Inside Working Area, Cleaning At Floor 15	CE	7:24	11:42	2.00	516	100	2.5	3.2	0.002	0.005	< 0.005	
DM-A-11	Inside Working Area, Cleaning At Floor 15	CE	13:00	14:57	1.90	222	100	1	1.3	0.002	0.012	< 0.012	
DM-A-12	Outside Working Area, Decon Clean Room At Floor G	OS	7:18	11:45	2.00	534	100	0.5	0.6	0.000	0.005	< 0.005	
DM-A-13	Outside Working Area, Decon Clean Room At Floor G	OS	13:04	15:02	1.95	230	100	1	1.3	0.002	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-27-12		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-27-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-27-12 <b>Received Date:</b> Dic-27-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 3381 <b>Worker ID:</b> 6845 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning & Rem South Side Offices Ceiling Tiles & Preparation North Side Offices At Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Isaac Batista, Cleaning & Rem Ceiling Tiles South Side Offices at Floor 14	E	7:14	7:44	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Isaac Batista, Cleaning & Rem Ceiling Tiles South Side Offices at Floor 14	PR-CE	7:44	11:58	1.6	406	100	2	2.5	0.002	0.007	< 0.007	0.008
DM-A-05	Isaac Batista, Cleaning & Rem Ceiling Tiles South Side Offices at Floor 14	PR-CE	13:09	14:52	1.6	165	100	6.5	8.3	0.019	0.016	0.019	
DM-A-06	Johusly Centeno, Cleaning & Rem Ceiling Tiles South Side Offices at Floor 14	PR-CE	7:17	11:58	1.6	450	100	7	8.9	0.008	0.006	0.008	0.008
DM-A-07	Johusly Centeno, Cleaning & Rem Ceiling Tiles South Side Offices at Floor 14	PR-CE	13:12	14:45	1.6	149	100	2.5	3.2	0.008	0.018	< 0.018	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-28-12		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-27-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Johusly Centeno <b>Worker Name:</b> Raul Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-27-12 <b>Received Date:</b> Dic-27-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 3381 <b>Worker ID:</b> 6845 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning & Rem South Side Offices Ceiling Tiles & Preparation North Side Offices At Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Raul Hernandez, Preparation North Side Offices at Floor 14	PR-PP	7:15	11:56	1.60	450	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-09	Raul Hernandez, Preparation North Side Offices at Floor 14	PR-PP	13:09	14:41	1.60	147	100	0.5	0.6	0.002	0.018	< 0.018	
DM-A-10	Inside Working Area, Cleaning & Preparation At Floor 14	CE	7:10	12:00	2.00	580	100	6	7.6	0.005	0.005	0.005	
DM-A-11	Inside Working Area, Cleaning & Preparation At Floor 14	CE	13:11	14:43	1.90	175	100	4.5	5.7	0.013	0.015	< 0.015	
DM-A-12	Outside Working Area, Decon Clean Room At Floor G	OS	7:06	12:03	2.00	594	100	2	2.5	0.002	0.005	< 0.005	
DM-A-13	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	14:55	1.90	219	100	0.5	0.6	0.001	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dic-28-12		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-28-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-28-12 <b>Received Date:</b> Dic-28-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 5796 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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Project Description: <b>Cleaning Desks &amp; Carpets North &amp; South Side Offices At Floor 14</b>													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	E	7:12	7:42	1.6	48	100	2	2.5	0.020	0.056	< 0.056	0.056
DM-A-04	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	7:42	11:37	1.6	376	100	2.5	3.2	0.003	0.007	< 0.007	< 0.007
DM-A-05	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	12:31	14:43	1.6	211	100	0.5	0.6	0.001	0.013	< 0.013	
DM-A-06	Luis Lugo, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	7:12	11:54	1.6	451	100	2.5	3.2	0.003	0.006	< 0.006	0.007
DM-A-07	Luis Lugo, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	12:54	14:50	1.6	186	100	0	0.0	0.000	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-29-12		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-28-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-28-12 <b>Received Date:</b> Dic-28-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 5796 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets North & South Side Offices At Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Aram Hernandez, Cleaning Desks & Carpets South Side at Floor 14	PR-CE	7:16	11:55	1.60	446	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-09	Aram Hernandez, Cleaning Desks & Carpets South Side at Floor 14	PR-CE	13:03	14:45	1.60	163	100	1.5	1.9	0.005	0.017	< 0.017	
DM-A-10	Felix Santos, Cleaning Desks & Carpets South Side at Floor 14	PR-CE	7:15	11:50	1.60	440	100	0	0.0	0.000	0.006	< 0.006	0.0070
DM-A-11	Felix Santos, Cleaning Desks & Carpets South Side at Floor 14	PR-CE	13:03	14:45	1.60	163	100	0	0.0	0.000	0.017	< 0.017	
DM-A-12	Inside Working Area, Cleaning At Floor 14	CE	7:09	11:43	2.00	548	100	1	1.3	0.001	0.005	< 0.005	
DM-A-13	Inside Working Area, Cleaning At Floor 14	CE	13:00	14:51	1.90	211	100	1.5	1.9	0.003	0.013	0.013	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:01	11:30	2.00	538	100	0	0.0	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Dic-29-12	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-28-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Felix Santos <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-28-12 <b>Received Date:</b> Dic-28-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 5796 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets North & South Side Offices At Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	12:30	14:55	1.90	276	100	2	2.5	0.004	0.010	0.010	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Dic-29-12		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-29-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-29-12 <b>Received Date:</b> Dic-29-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2393 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets North & South Side Offices At Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	E	7:15	7:45	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	7:45	12:19	1.6	438	100	1	1.3	0.001	0.006	< 0.006	0.007
DM-A-05	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	13:25	14:50	1.6	136	100	0	0.0	0.000	0.020	< 0.020	
DM-A-06	Luis Lugo, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	7:23	11:48	1.6	424	100	2.5	3.2	0.003	0.006	< 0.006	0.007
DM-A-07	Luis Lugo, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	13:00	14:50	1.6	176	100	0.5	0.6	0.001	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> <u>En-2-13</u>		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Dic-29-12 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 13 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Dic-29-12 <b>Received Date:</b> Dic-29-12 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2393 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets North & South Side Offices At Floor 14

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Aram Hernandez, Cleaning Desks & Carpets South Side at Floor 14	PR-CE	7:23	11:54	1.60	434	100	0	0.0	0.000	0.006	< 0.006	0.0070
DM-A-09	Aram Hernandez, Cleaning Desks & Carpets South Side at Floor 14	PR-CE	13:02	14:49	1.60	171	100	0	0.0	0.000	0.016	< 0.016	
DM-A-10	Inside Working Area, Cleaning At Floor 14	CE	7:10	12:00	1.60	464	100	1	1.3	0.001	0.006	< 0.006	
DM-A-11	Inside Working Area, Cleaning At Floor 14	CE	13:02	14:44	1.70	173	100	1	1.3	0.003	0.016	< 0.016	
DM-A-12	Outside Working Area, Decon Clean Room At Floor G	OS	7:03	12:05	2.00	604	100	1.5	1.9	0.001	0.004	< 0.004	
DM-A-13	Outside Working Area, Decon Clean Room At Floor G	OS	12:59	14:58	1.80	214	100	0	0.0	0.000	0.013	0.013	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> <u>Enj-2-13</u>		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-2-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-2-13 <b>Received Date:</b> Ene-2-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2540 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2316 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets North Side Offices, & Bathrooms At Floor 14 And Preparation Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Lugo, Cleaning Desks & Carpets North Side at Floor 14	E	7:19	7:49	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	0.056
DM-A-04	Luis Lugo, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	7:49	11:37	1.6	365	100	2.5	3.2	0.003	0.007	< 0.007	< 0.007
DM-A-05	Luis Lugo, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	13:00	14:58	1.6	189	100	1	1.3	0.003	0.014	< 0.014	
DM-A-06	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	7:27	11:39	1.6	403	100	4	5.1	0.005	0.007	< 0.007	0.007
DM-A-07	Felix Velazquez, Cleaning Desks & Carpets North Side at Floor 14	PR-CE	13:00	14:58	1.6	189	100	0	0.0	0.000	0.014	< 0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-3-13		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-2-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-2-13 <b>Received Date:</b> Ene-2-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2540 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2316 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets North Side Offices, & Bathrooms At Floor 14 And Preparation Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Pedro Pacheco, Cleaning Bathrooms at Floor 14	PR-CE	7:27	11:42	1.60	408	100	8	10.2	0.010	0.007	0.010	< 0.0086
DM-A-09	Pedro Pacheco, Cleaning Bathrooms at Floor 14	PR-CE	13:01	14:57	1.60	186	100	3	3.8	0.008	0.015	< 0.015	
DM-A-10	Inside Working Area, Cleaning At Floor 14	CE	7:33	11:42	2.00	498	100	1.5	1.9	0.001	0.005	< 0.005	
DM-A-11	Inside Working Area, Cleaning At Floor 14	CE	13:04	14:56	1.75	196	100	2	2.5	0.005	0.014	< 0.014	
DM-A-12	Inside Working Area, Preparation At Floor 13	PP	7:24	11:50	2.00	532	100	0.5	0.6	0.000	0.005	< 0.005	
DM-A-13	Inside Working Area, Preparation At Floor 13	PP	13:10	15:00	1.90	209	100	0	0.0	0.000	0.013	0.013	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:05	12:08	2.00	606	100	1.5	1.9	0.001	0.004	0.004	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> <u>Ene-3-13</u>		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-2-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Pedro Pacheco <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-2-13 <b>Received Date:</b> Ene-2-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2540 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2316 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets North Side Offices, & Bathrooms At Floor 14 And Preparation Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	12:55	15:06	1.90	249	100	1	1.3	0.002	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>   <b>Date:</b> EN-3-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-3-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Jean Oquendo <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-3-13 <b>Received Date:</b> Ene-3-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 2887 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Final Cleaning At Floor 14 and Cleaning & Rem Ceiling Acoustic Tiles South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Aram Hernandez, Final Cleaning Desks & Carpets North Side at Floor 14	E	7:13	7:43	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	0.056
DM-A-04	Aram Hernandez, Final Cleaning Desks & Carpets North Side at Floor 14	PR-CE	7:43	11:53	1.6	400	100	0	0.0	0.000	0.007	< 0.007	0.007
DM-A-05	Aram Hernandez, Final Cleaning Desks & Carpets North Side at Floor 14	PR-CE	13:08	14:52	1.6	166	100	0.5	0.6	0.001	0.016	< 0.016	
DM-A-06	Jean Oquendo, Cleaning & Rem Ceiling Tiles South Side at Floor 13	PR-CE	7:18	11:50	1.6	435	100	14	17.8	0.016	0.006	0.016	< 0.012
DM-A-07	Jean Oquendo, Cleaning & Rem Ceiling Tiles South Side at Floor 13	PR-CE	13:13	14:45	1.6	147	100	5.5	7.0	0.018	0.018	< 0.018	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-4-13		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-3-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Jean Oquendo <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A		<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-3-13 <b>Received Date:</b> Ene-3-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 2887 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Final Cleaning At Floor 14 and Cleaning & Rem Ceiling Acoustic Tiles South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Dwayne Rivera, Cleaning & Rem Ceiling Tiles South Side at Floor 13	PR-CE	7:18	11:57	1.60	446	100	5	6.4	0.005	0.006	< 0.006	0.0070
DM-A-09	Dwayne Rivera, Cleaning & Rem Ceiling Tiles South Side at Floor 13	PR-CE	13:14	14:42	1.60	141	100	1.5	1.9	0.005	0.019	< 0.019	
DM-A-10	Inside Working Area, Final Cleaning At Floor 14	CE	7:12	11:56	2.00	568	100	1.5	1.9	0.001	0.005	< 0.005	
DM-A-11	Inside Working Area, Final Cleaning At Floor 14	CE	13:05	14:51	1.90	201	100	0	0.0	0.000	0.013	< 0.013	
DM-A-12	Inside Working Area, Rem & Cleaning At Floor 13	CE	7:20	11:50	2.00	540	100	3	3.8	0.003	0.005	< 0.005	
DM-A-13	Inside Working Area, Rem & Cleaning At Floor 13	CE	13:10	14:46	1.90	182	100	0.5	0.6	0.001	0.015	0.015	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:06	11:49	2.00	566	100	3.5	4.5	0.003	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Ene-4-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-3-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Jean Oquendo <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-3-13 <b>Received Date:</b> Ene-3-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 2887 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Final Cleaning At Floor 14 and Cleaning & Rem Ceiling Acoustic Tiles South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:00	1.95	234	100	0.5	0.6	0.001	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-4-13		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-4-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Pedro Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-4-13 <b>Received Date:</b> Ene-4-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2973 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ducts & Rem Ceiling Acoustic Tiles North Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, Cleaning & Rem Acoustics Ceiling Tiles North Side Offices At Floor 13	E	7:02	7:32	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	< 0.056
DM-A-04	Luis Echevarria, Cleaning & Rem Acoustics Ceiling Tiles North Side Offices At Floor 13	PR-CE	7:32	11:49	1.6	411	100	4.5	5.7	0.005	0.007	< 0.007	0.007
DM-A-05	Luis Echevarria, Cleaning & Rem Acoustics Ceiling Tiles North Side Offices At Floor 13	PR-CE	13:02	14:55	1.6	181	100	4	5.1	0.011	0.015	< 0.015	
DM-A-06	Luis Quiñones, Cleaning & Rem Acoustics Ceiling Tiles North Side Offices At Floor 13	PR-CE	7:05	11:54	1.6	462	100	1.5	1.9	0.002	0.006	< 0.006	0.007
DM-A-07	Luis Quiñones, Cleaning & Rem Acoustics Ceiling Tiles North Side Offices At Floor 13	PR-CE	13:05	14:55	1.6	176	100	0	0.0	0.000	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Ene-5-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-4-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Pedro Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-4-13 <b>Received Date:</b> Ene-4-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2973 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Ducts & Rem Ceiling Acoustic Tiles North Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Luis Lugo, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	7:05	11:54	1.60	462	100	0	0.0	0.000	0.006	< 0.006	0.0070
DM-A-09	Luis Lugo, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	13:05	14:50	1.60	168	100	5	6.4	0.015	0.016	< 0.016	
DM-A-10	Pedro Hernandez, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	7:11	11:37	1.60	426	100	0.5	0.6	0.001	0.006	< 0.006	
DM-A-11	Pedro Hernandez, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	13:09	14:51	1.60	163	100	0	0.0	0.000	0.017	< 0.017	
DM-A-12	Inside Working Area, Rem & Cleaning At Floor 13	CE	7:06	11:48	2.00	564	100	9	11.5	0.008	0.005	0.008	
DM-A-13	Inside Working Area, Rem & Cleaning At Floor 13	CE	13:00	14:50	1.75	193	100	1.5	1.9	0.004	0.014	0.014	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:00	11:53	2.00	586	100	0.5	0.6	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-5-13		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**




<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370   proyectominillas1@yahoo.com	<b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416
<b>Sampling Date:</b> Ene-4-13 <b>Analytical Method:</b> NIOSH 7400	
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Ene-4-13
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Ene-4-13
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>AIHA Lab ID:</b> 199763
<b>Worker Name:</b> Luis Echevarría	<b>Worker ID:</b> 6463
<b>Worker Name:</b> Luis Quiñones	<b>Worker ID:</b> 2904
<b>Worker Name:</b> Luis Lugo	<b>Worker ID:</b> 2541
<b>Worker Name:</b> Pedro Hernandez	<b>Worker ID:</b> 2973
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

**Project Description:** Cleaning Ducts & Rem Ceiling Acoustic Tiles North Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	12:55	14:57	1.75	214	100	0	0.0	0.000	0.013	0.013	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-5-13		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-5-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Eligio Ortiz <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A						<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-5-13 <b>Received Date:</b> Ene-5-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 5737 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 6463 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A							
<b>Project Description:</b> Cleaning Air Ducts North & South Side Offices At Floor 13													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Axel Rodriguez, Cleaning Air Ducts North Side Offices At Floor 13	E	7:10	7:40	1.6	48	100	1.5	1.9	0.015	0.056	< 0.056	0.056
DM-A-04	Axel Rodriguez, Cleaning Air Ducts North Side Offices At Floor 13	PR-CE	7:40	11:59	1.6	414	100	3.5	4.5	0.004	0.007	< 0.007	0.007
DM-A-05	Axel Rodriguez, Cleaning Air Ducts North Side Offices At Floor 13	PR-CE	13:00	14:01	1.6	98	100	0	0.0	0.000	0.028	< 0.028	
DM-A-06	Eligio Ortiz, Cleaning Air Ducts North Side Offices At Floor 13	PR-CE	7:10	11:57	1.6	459	100	1	1.3	0.001	0.006	< 0.006	0.007
DM-A-07	Eligio Ortiz, Cleaning Air Ducts North Side Offices At Floor 13	PR-CE	13:10	14:03	1.6	85	100	1.5	1.9	0.009	0.032	< 0.032	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> 		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
<b>Date:</b> Ene-8-13													





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-5-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Eligio Ortiz <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-5-13 <b>Received Date:</b> Ene-5-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 5737 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 6463 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Air Ducts North & South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Felix Rivera, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	7:11	11:57	1.60	458	100	2.5	3.2	0.003	0.006	< 0.006	0.0070
DM-A-09	Felix Rivera, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	13:10	14:03	1.60	85	100	3	3.8	0.017	0.032	< 0.032	
DM-A-10	Luis Echevarria, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	7:14	11:53	1.60	446	100	1.5	1.9	0.002	0.006	< 0.006	0.0070
DM-A-11	Luis Echevarria, Cleaning Air Ducts South Side Offices At Floor 13	PR-CE	13:12	14:01	1.60	78	100	0	0.0	0.000	0.034	< 0.034	
DM-A-12	Inside Working Area, Rem & Cleaning At Floor 13	CE	7:09	11:53	2.00	568	100	5.5	7.0	0.005	0.005	< 0.005	
DM-A-13	Inside Working Area, Rem & Cleaning At Floor 13	CE	13:10	14:05	1.90	105	100	0.5	0.6	0.002	0.026	0.026	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:05	12:02	2.00	594	100	0	0.0	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-8-13		





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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-5-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Eligio Ortiz <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-5-13 <b>Received Date:</b> Ene-5-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 5737 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 6463 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Air Ducts North & South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	12:55	14:08	1.90	139	100	1	1.3	0.004	0.019	0.019	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> <u>Ene-8-13</u>		



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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-8-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A						<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-8-13 <b>Received Date:</b> Ene-8-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8792 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 4316 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A							
<b>Project Description:</b> Cleaning Desks & Carpets ,Air Ducts North Side Offices At Floor 13 And Preparation & Rem Ceiling Tiles At Floor 12													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Alexis Rodriguez, Cleaning Desks & Carpets Northwest Side Offices At Floor 13	E	7:19	7:49	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Alexis Rodriguez, Cleaning Desks & Carpets Northwest Side Offices At Floor 13	PR-CE	7:49	11:56	1.6	395	100	1.5	1.9	0.002	0.007	< 0.007	0.007
DM-A-05	Alexis Rodriguez, Cleaning Desks & Carpets Northwest Side Offices At Floor 13	PR-CE	13:07	17:19	1.6	403	100	2.5	3.2	0.003	0.007	< 0.007	
DM-A-06	Luis Lugo, Cleaning Air Ducts Northeast Side Offices At Floor 13	PR-CE	7:22	11:57	1.6	440	100	3	3.8	0.003	0.006	< 0.006	0.007
DM-A-07	Luis Lugo, Cleaning Air Ducts Northeast Side Offices At Floor 13	PR-CE	13:09	17:20	1.6	402	100	0	0.0	0.000	0.007	< 0.007	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Ene-9-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
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**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-8-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-8-13 <b>Received Date:</b> Ene-8-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8792 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 4316 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets ,Air Ducts North Side Offices At Floor 13 And Preparation & Rem Ceiling Tiles At Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Cesar Ocasio, Preparation and Rem Acoustics Ceiling Tiles on Offices At Floor 12	PR-CE	7:33	11:30	1.60	379	100	1	1.3	0.001	0.007	< 0.007	< 0.0070
DM-A-09	Cesar Ocasio, Preparation and Rem Acoustics Ceiling Tiles on Offices At Floor 12	PR-CE	12:31	17:14	1.60	453	100	1.5	1.9	0.002	0.006	< 0.006	
DM-A-10	Inside Working Area, Cleaning At Floor 13	CE	7:20	11:55	2.00	550	100	4	5.1	0.004	0.005	< 0.005	
DM-A-11	Inside Working Area, Cleaning At Floor 13	CE	13:09	17:14	1.95	478	100	0.5	0.6	0.001	0.006	< 0.006	
DM-A-12	Inside Working Area, Preparation At Floor 12	CE	7:33	11:30	2.00	474	100	0	0.0	0.000	0.006	< 0.006	
DM-A-13	Inside Working Area, Preparation At Floor 12	CE	12:30	17:21	1.90	553	100	1	1.3	0.001	0.005	0.005	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:10	12:04	2.00	588	100	1	1.3	0.001	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside, PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> <u>Ene-9-13</u>		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-8-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A					<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-8-13 <b>Received Date:</b> Ene-8-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8792 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 4316 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A								
<b>Project Description:</b> Cleaning Desks & Carpets ,Air Ducts North Side Offices At Floor 13 And Preparation & Rem Ceiling Tiles At Floor 12													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	17:26	1.90	505	100	0.5	0.6	0.000	0.005	0.005	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.													
<b>Reported By:</b>		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
<b>Date:</b> <u>Ene 9-13</u>													



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



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Project Description: <u>Cleaning Desks &amp; Carpets At Floor 13 And Cleaning &amp; Cutting Air Ducts At Floor 12</u>													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Axel Rodriguez, Cleaning Desks & Carpets Offices At Floor 13	E	7:26	7:56	1.6	48	100	1	1.3	0.010	0.056	< 0.056	< 0.056
DM-A-04	Axel Rodriguez, Cleaning Desks & Carpets Offices At Floor 13	PR-CE	7:56	11:28	1.6	339	100	0	0.0	0.000	0.008	< 0.008	< 0.007
DM-A-05	Axel Rodriguez, Cleaning Desks & Carpets Offices At Floor 13	PR-CE	12:35	17:02	1.6	427	100	0.5	0.6	0.001	0.006	< 0.006	
DM-A-06	Luis Echevarria, Cleaning Desks & Carpets Offices At Floor 13	PR-CE	7:25	11:28	1.6	389	100	4.5	5.7	0.006	0.007	< 0.007	0.007
DM-A-07	Luis Echevarria, Cleaning Desks & Carpets Offices At Floor 13	PR-CE	12:35	17:02	1.6	427	100	0.5	0.6	0.001	0.006	< 0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> <u>Ene-10-13</u>		





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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370    proyectominillas1@yahoo.com <b>Sampling Date:</b> Ene-9-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-9-13 <b>Received Date:</b> Ene-9-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Desks & Carpets At Floor 13 And Cleaning & Cutting Air Ducts At Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Felix Velazquez, Cleaning & Cutting Air Ducts North Side Offices At Floor 12	PR-CE	7:20	11:43	1.60	421	100	5.5	7.0	0.006	0.006	< 0.006	0.0070
DM-A-09	Felix Velazquez, Cleaning & Cutting Air Ducts North Side Offices At Floor 12	PR-CE	13:07	17:00	1.60	373	100	3.5	4.5	0.005	0.007	< 0.007	
DM-A-10	Isaac Batista, Cleaning & Cutting Air Ducts North Side Offices At Floor 12	PR-CE	7:20	11:50	1.60	432	100	1	1.3	0.001	0.006	< 0.006	
DM-A-11	Isaac Batista, Cleaning & Cutting Air Ducts North Side Offices At Floor 12	PR-CE	13:07	17:02	1.60	376	100	0.5	0.6	0.001	0.007	< 0.007	
DM-A-12	Inside Working Area, Cleaning Desks & Carpets At Floor 13	CE	7:27	11:30	2.00	486	100	1	1.3	0.001	0.006	< 0.006	
DM-A-13	Inside Working Area, Cleaning Desks & Carpets At Floor 13	CE	12:30	17:05	1.75	481	100	0	0.0	0.000	0.006	0.006	
DM-A-14	Inside Working Area, Cleaning & Cutting At Floor 12	CE	7:19	11:48	2.00	538	100	3	3.8	0.003	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-10-13		





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**Project Description:** Cleaning Desks & Carpets At Floor 13 And Cleaning & Cutting Air Ducts At Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning & Cutting At Floor 12	CE	13:05	16:58	1.95	454	100	2.5	3.2	0.003	0.006	0.006	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:15	11:55	2.00	560	100	1	1.3	0.001	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	17:08	1.95	484	100	2.5	3.2	0.003	0.006	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> <u>Ene-10-13</u>	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**Project Description:** Cleaning Air Ducts, Desks & Carpets North & South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Quiñones, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	E	7:29	8:00	1.6	50	100	0	0.0	0.000	0.054	< 0.054	0.056
DM-A-04	Luis Quiñones, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	8:00	11:43	1.6	357	100	1	1.3	0.001	0.008	< 0.008	< 0.007
DM-A-05	Luis Quiñones, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	13:04	16:57	1.6	373	100	0.5	0.6	0.001	0.007	< 0.007	
DM-A-06	Felix Velazquez, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	7:32	11:43	1.6	402	100	0	0.0	0.000	0.007	< 0.007	0.007
DM-A-07	Felix Velazquez, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	13:06	17:03	1.6	379	100	1.5	1.9	0.002	0.007	< 0.007	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-11-13		





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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-10-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-10-13 <b>Received Date:</b> Ene-10-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Air Ducts, Desks & Carpets North & South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Carlos Santiago, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	7:32	11:44	1.60	403	100	3	3.8	0.004	0.007	< 0.007	0.0070
DM-A-09	Carlos Santiago, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	13:07	17:03	1.60	378	100	0	0.0	0.000	0.007	< 0.007	
DM-A-10	Dwayne Rivera, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	7:37	11:49	1.60	403	100	3.5	4.5	0.004	0.007	< 0.007	0.0070
DM-A-11	Dwayne Rivera, Cleaning Air Ducts, Desks & Carpets Offices At Floor 12	PR-CE	13:04	17:05	1.60	386	100	1	1.3	0.001	0.007	< 0.007	
DM-A-12	Inside Working Area, Cleaning Air Ducts, Desks & Carpets At Floor 12	CE	7:30	11:40	2.00	500	100	0.5	0.6	0.000	0.005	< 0.005	
DM-A-13	Inside Working Area, Cleaning Air Ducts, Desks & Carpets At Floor 12	CE	13:04	17:00	1.90	448	100	4	5.1	0.004	0.006	0.006	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:25	11:55	2.00	540	100	0.5	0.6	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-11-13		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



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**Project Description:** Cleaning Air Ducts, Desks & Carpets North & South Side Offices At Floor 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	17:11	1.90	477	100	1.5	1.9	0.002	0.006	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> EN-11-13		



# ALTOL ENVIRONMENTAL SERVICES, INC.


## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe		<b>Project Name:</b> Centro Minillas North Tower, San Juan	
<b>Contact:</b> Hector Oquendo		<b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416	
<b>Phone / Fax/Email:</b> 939-630-4370	<a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a>		
<b>Sampling Date:</b> Ene-11-13	<b>Analytical Method:</b> NIOSH 7400		
<b>Collected By:</b> David J. Meléndez		<b>Collected ID:</b> ASB-0510-0284-MS	
<b>Delivery By:</b> David J. Meléndez		<b>Delivery Date:</b> Ene-11-13	
<b>Received By:</b> David J. Meléndez		<b>Received Date:</b> Ene-11-13	
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>		<b>AiHA Lab ID:</b> 199763	
<b>Worker Name:</b> Luis Echevarria		<b>Worker ID:</b> 6463	
<b>Worker Name:</b> Luis Lugo		<b>Worker ID:</b> 2541	
<b>Worker Name:</b> Carlos Santiago		<b>Worker ID:</b> 3142	
<b>Worker Name:</b> Jean Oquendo		<b>Worker ID:</b> 2887	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	

Project Description: Cleaning Desks & Carpets North & South Side Offices At Floor 12													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, Cleaning Desks & Carpets Offices At Floor 12	E	7:14	7:44	1.6	48	100	1	1.3	0.010	0.056	< 0.056	0.056
DM-A-04	Luis Echevarria, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	7:44	11:50	1.6	394	100	0.5	0.6	0.001	0.007	< 0.007	0.007
DM-A-05	Luis Echevarria, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	13:07	15:07	1.6	192	100	1	1.3	0.003	0.014	< 0.014	
DM-A-06	Luis Lugo, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	7:14	11:50	1.6	442	100	2.5	3.2	0.003	0.006	< 0.006	0.007
DM-A-07	Luis Lugo, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	13:09	15:03	1.6	182	100	0.5	0.6	0.001	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145
	<b>Date:</b> Ene-12-13





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
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**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



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**Project Description:** Cleaning Desks & Carpets North & South Side Offices At Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Carlos Santiago, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	7:20	11:53	1.60	437	100	0	0.0	0.000	0.006	< 0.006	0.0070
DM-A-09	Carlos Santiago, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	13:09	15:04	1.60	184	100	4	5.1	0.011	0.015	< 0.015	
DM-A-10	Jean Oquendo, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	7:20	11:52	1.60	435	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-11	Jean Oquendo, Cleaning Desks & Carpets Offices At Floor 12	PR-CE	13:07	15:07	1.60	192	100	0.5	0.6	0.001	0.014	< 0.014	
DM-A-12	Inside Working Area, Cleaning Desks & Carpets At Floor 12	CE	7:15	11:55	2.00	560	100	0	0.0	0.000	0.005	< 0.005	
DM-A-13	Inside Working Area, Cleaning Desks & Carpets At Floor 12	CE	13:05	15:00	1.95	224	100	5	6.4	0.011	0.012	0.012	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:10	12:01	2.00	582	100	2	2.5	0.002	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> <u>Ene-12-13</u>		





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**Project Description:** Cleaning Desks & Carpets North & South Side Offices At Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:12	1.90	251	100	0	0.0	0.000	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-12-13		



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**Project Description:** Cleaning & Ram Air Ducts AT Floor 11 And Cleaning Bath AT Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Cesar Ocasio, Cleaning and Rem Air Ducts At Floor 11	E	7:26	7:56	1.6	48	100	3.5	4.5	0.036	0.056	< 0.056	< 0.056
DM-A-04	Cesar Ocasio, Cleaning and Rem Air Ducts At Floor 11	PR-CE	7:56	13:11	1.6	504	100	9	11.5	0.009	0.005	0.009	< 0.006
DM-A-05	Felix Velazquez, Cleaning and Rem Air Ducts At Floor 11	PR-CE	7:21	13:11	1.6	560	100	5.5	7.0	0.005	0.005	< 0.005	< 0.004
DM-A-06	Isaac Batista, Cleaning and Rem Air Ducts At Floor 11	PR-CE	7:19	13:05	1.6	554	100	4	5.1	0.004	0.005	< 0.005	< 0.004
DM-A-07	Luis Lugo, Cleaning Bath At Floor 12	PR-CE	7:14	13:02	1.6	557	100	1.5	1.9	0.001	0.005	< 0.005	< 0.004

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Ene-14-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-12-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Cesar Ocasio <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 9 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-12-13 <b>Received Date:</b> Ene-12-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4316 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 5214 <b>Worker ID:</b> 2541 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning & Ram Air Ducts AT Floor 11 And Cleaning Bath AT Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Inside Working Area, Cleaning & Rem Air Ducts At Floor 11	CE	7:21	13:09	6.00	2088	100	7.5	9.6	0.002	0.001	0.002	
DM-A-09	Outside Working Area, Decon Clean Room At Floor G	OS	7:06	13:15	2.00	738	100	3	3.8	0.002	0.004	< 0.004	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Ene-14-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-14-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Aram Hernandez <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A							<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-14-13 <b>Received Date:</b> Ene-14-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2393 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A						
<b>Project Description:</b> General Cleaning At Floor 11 & Cleaning Bathrooms AT Floor 12													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Aram Hernandez, Cleaning Bathrooms At Floor 12	E	7:10	7:40	1.6	48	100	2	2.5	0.020	0.056	< 0.056	0.056
DM-A-04	Aram Hernandez, Cleaning Bathrooms At Floor 12	PR-CE	7:40	11:50	1.6	400	100	7	8.9	0.009	0.007	0.009	< 0.008
DM-A-05	Aram Hernandez, Cleaning Bathrooms At Floor 12	PR-CE	13:11	14:56	1.6	168	100	2	2.5	0.006	0.016	< 0.016	
DM-A-06	Carlos Santiago, Cleaning General Area At Floor 11	PR-CE	7:22	12:00	1.6	445	100	11.5	14.6	0.013	0.006	0.013	< 0.011
DM-A-07	Carlos Santiago, Cleaning General Area At Floor 11	PR-CE	13:19	14:59	1.6	160	100	4.5	5.7	0.014	0.017	< 0.017	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> 		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
<b>Date:</b> Ene-15-13													



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



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**Project Description:** General Cleaning At Floor 11 & Cleaning Bathrooms AT Floor 12

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Dwayne Rivera, Cleaning General Area At Floor 11	PR-CE	7:22	12:02	1.60	448	100	10.5	13.4	0.011	0.006	0.011	< 0.0105
DM-A-09	Dwayne Rivera, Cleaning General Area At Floor 11	PR-CE	13:19	14:59	1.60	160	100	6	7.6	0.018	0.017	0.018	
DM-A-10	Inside Working Area, Cleaning Bathrooms At Floor 12	CE	7:11	11:50	2.00	558	100	1.5	1.9	0.001	0.005	< 0.005	
DM-A-11	Inside Working Area, Cleaning Bathrooms At Floor 12	CE	13:10	14:59	1.90	207	100	1	1.3	0.002	0.013	< 0.013	
DM-A-12	Inside Working Area, General Area At Floor 11	CE	7:25	12:00	6.00	1650	100	7	8.9	0.002	0.002	0.002	
DM-A-13	Inside Working Area, General Area At Floor 11	CE	13:21	15:00	6.00	594	100	3.5	4.5	0.003	0.005	0.005	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:04	12:12	2.00	616	100	1	1.3	0.001	0.004	0.004	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background, EX = Exposure. OS = Outside, PP = Preparation, RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-15-13		





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<b>Project Description:</b> General Cleaning At Floor 11 & Cleaning Bathrooms AT Floor 12													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	13:05	15:06	1.75	212	100	0	0.0	0.000	0.013	0.013	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> David J. Meléndez Tecnico Ambiental <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145													
<b>Date:</b> EN-15-13													





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<b>Project Description:</b> General Final Cleaning At Floor 12 And Cleaning & Cutting Air Ducts AT Floor 11													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Rivera, Final Cleaning General at Floor 12	E	7:28	7:58	1.6	48	100	1	1.3	0.010	0.056	< 0.056	< 0.056
DM-A-04	Felix Rivera, Final Cleaning General at Floor 12	PR-CE	7:58	11:45	1.6	363	100	2.5	3.2	0.003	0.007	< 0.007	< 0.007
DM-A-05	Felix Rivera, Final Cleaning General at Floor 12	PR-CE	13:05	14:52	1.6	171	100	1	1.3	0.003	0.016	< 0.016	
DM-A-06	Justo Cintron, Cleaning & Cutting Air Ducts At Floor 11	PR-CE	7:19	11:47	1.6	429	100	9.5	12.1	0.011	0.006	0.011	< 0.010
DM-A-07	Justo Cintron, Cleaning & Cutting Air Ducts At Floor 11	PR-CE	13:06	14:55	1.6	174	100	1.5	1.9	0.004	0.015	< 0.015	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Ene-16-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



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**Project Description:** General Final Cleaning At Floor 12 And Cleaning & Cutting Air Ducts AT Floor 11

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Emmanuel Cruz, Cleaning & Cutting Air Ducts At Floor 11	PR-CE	7:20	11:45	1.60	424	100	6	7.6	0.007	0.006	0.007	0.0083
DM-A-09	Emmanuel Cruz, Cleaning & Cutting Air Ducts At Floor 11	PR-CE	13:06	15:01	1.60	184	100	7	8.9	0.019	0.015	0.019	
DM-A-10	Jean Oquendo, Cleaning Air Ducts At Floor 11	PR-CE	7:20	11:50	1.60	432	100	4	5.1	0.005	0.006	< 0.006	0.0070
DM-A-11	Jean Oquendo, Cleaning Air Ducts At Floor 11	PR-CE	13:05	14:51	1.60	170	100	2	2.5	0.006	0.016	< 0.016	
DM-A-12	Inside Working Area, General Cleaning At Floor 12	CE	7:26	11:51	6.00	1590	100	4.5	5.7	0.001	0.002	< 0.002	
DM-A-13	Inside Working Area, General Cleaning At Floor 12	CE	13:07	14:52	6.00	630	100	8	10.2	0.006	0.004	0.006	
DM-A-14	Inside Working Area, Cleaning & Cutting Air Ducts At Floor 11	CE	7:16	11:43	6.00	1602	100	1	1.3	0.000	0.002	0.002	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-16-13		





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**Project Description:** General Final Cleaning At Floor 12 And Cleaning & Cutting Air Ducts AT Floor 11

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning & Cutting Air Ducts At Floor 11	CE	13:11	15:00	6.00	654	100	3.5	4.5	0.003	0.004	0.004	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:09	11:58	2.00	578	100	0	0.0	0.000	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:05	1.85	231	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Ene-16-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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<b>Project Description:</b> Cleaning South Side Offices, Desks & Floors At Floor 11 And Cleaning & Rem Acoustic Ceiling Tiles At Floor 10													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Velazquez, Cleaning South Side Offices, Desks & Floors At Floor 11	E	7:29	7:59	1.6	48	100	1.5	1.9	0.015	0.056	< 0.056	< 0.056
DM-A-04	Felix Velazquez, Cleaning South Side Offices, Desks & Floors At Floor 11	PR-CE	7:59	11:37	1.6	349	100	1	1.3	0.001	0.008	< 0.008	< 0.007
DM-A-05	Felix Velazquez, Cleaning South Side Offices, Desks & Floors At Floor 11	PR-CE	12:48	14:46	1.6	189	100	2	2.5	0.005	0.014	< 0.014	
DM-A-06	Eliezer Lopez, Cleaning & Cutting Air Ducts At Floor 11	PR-CE	7:30	11:45	1.6	408	100	9	11.5	0.011	0.007	0.011	< 0.009
DM-A-07	Eliezer Lopez, Cleaning & Cutting Air Ducts At Floor 11	PR-CE	12:45	14:46	1.6	194	100	3	3.8	0.008	0.014	< 0.014	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> <b>Date:</b> Ene-17-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-16-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Eliezer Lopez <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Elmer Cruz <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-16-13 <b>Received Date:</b> Ene-16-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 1269 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 5227 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning South Side Offices, Desks & Floors At Floor 11 And Cleaning & Rem Acoustic Ceiling Tiles At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Axel Rodriguez, Cleaning South Side Offices, Desks & Floors At Floor 11	PR-CE	7:30	11:45	1.60	408	100	4	5.1	0.005	0.007	< 0.007	0.0070
DM-A-09	Axel Rodriguez, Cleaning South Side Offices, Desks & Floors At Floor 11	PR-CE	12:45	14:45	1.60	192	100	1	1.3	0.003	0.014	< 0.014	
DM-A-10	Elmer Cruz, Cleaning & Rem acoustic Ceiling Tiles At Floor 10	PR-CE	7:38	11:53	1.60	408	100	7	8.9	0.008	0.007	0.008	0.0109
DM-A-11	Elmer Cruz, Cleaning & Rem acoustic Ceiling Tiles At Floor 10	PR-CE	12:50	14:54	1.60	198	100	10	12.7	0.025	0.014	0.025	
DM-A-12	Inside Working Area, Cleaning & Cutting Air Ducts At Floor 11	CE	7:25	11:50	2.00	530	100	5	6.4	0.005	0.005	< 0.005	
DM-A-13	Inside Working Area, Cleaning & Cutting Air Ducts At Floor 11	CE	12:40	14:45	1.90	238	100	6	7.6	0.012	0.011	0.012	
DM-A-14	Inside Working Area, Cleaning & & Rem Acoustic Ceiling Tiles At Floor 10	CE	7:40	11:55	6.00	1530	100	1	1.3	0.000	0.002	0.002	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> EN-17-13		





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**Project Description:** Cleaning South Side Offices, Desks & Floors At Floor 11 And Cleaning & Rem Acoustic Ceiling Tiles At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning & & Rem Acoustic Ceiling Tiles At Floor 10	CE	13:05	14:55	6.00	660	100	4	5.1	0.003	0.004	0.004	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:17	12:00	2.00	566	100	1	1.3	0.001	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:00	1.90	228	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> <u>Ene-17-13</u>		





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<b>Project Description:</b> General Cleaning AT Floor 11 And Cleaning & Rem Acoustic Ceiling Tiles At Floor 10													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Quiñones, General Cleaning Offices, Desks & Floors At Floor 11	E	7:33	8:03	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Luis Quiñones, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	8:03	11:43	1.6	352	100	3	3.8	0.004	0.008	< 0.008	< 0.007
DM-A-05	Luis Quiñones, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	12:55	14:55	1.6	192	100	0.5	0.6	0.001	0.014	< 0.014	
DM-A-06	Eliezer Lopez, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	7:34	11:45	1.6	402	100	7	8.9	0.009	0.007	0.009	< 0.008
DM-A-07	Eliezer Lopez, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	12:57	14:56	1.6	190	100	2.5	3.2	0.006	0.014	< 0.014	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Ene-18-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



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<b>Project Description:</b> General Cleaning AT Floor 11 And Cleaning & Rem Acoustic Ceiling Tiles At Floor 10													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Jose Perez, Cleaning & Rem Acoustic Ceiling Tiles At Floor 10	PR-CE	7:40	11:28	1.60	365	100	6.5	8.3	0.009	0.007	0.009	< 0.0077
DM-A-09	Jose Perez, Cleaning & Rem Acoustic Ceiling Tiles At Floor 10	PR-CE	12:30	14:47	1.60	219	100	4.5	5.7	0.010	0.012	< 0.012	
DM-A-10	Luis Echevarria, Cleaning & Rem Acoustic Ceiling Tiles At Floor 10	PR-CE	7:40	11:28	1.60	365	100	8	10.2	0.011	0.007	0.011	< 0.0086
DM-A-11	Luis Echevarria, Cleaning & Rem Acoustic Ceiling Tiles At Floor 10	PR-CE	12:30	14:47	1.60	219	100	3	3.8	0.007	0.012	< 0.012	
DM-A-12	Inside Working Area, General Cleaning At Floor 11	CE	7:30	11:50	2.00	520	100	2.5	3.2	0.002	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 11	CE	13:00	14:56	1.90	220	100	1	1.3	0.002	0.012	0.012	
DM-A-14	Inside Working Area, Cleaning & Rem Acoustic Ceiling Tiles At Floor 10	CE	7:41	11:35	2.00	468	100	4.5	5.7	0.005	0.006	0.006	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
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**Project Description:** General Cleaning AT Floor 11 And Cleaning & Rem Acoustic Ceiling Tiles At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning & Rem Acoustic Ceiling Tiles At Floor 10	CE	12:32	14:47	1.95	263	100	7	8.9	0.013	0.010	0.013	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:23	11:59	2.00	552	100	2	2.5	0.002	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:04	15:00	1.95	226	100	3	3.8	0.007	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Dec-18-13		





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**Project Description:** General Cleaning At Floor 11 And , Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Rivera, General Cleaning Offices, Desks & Floors At Floor 11	E	7:37	8:07	1.6	48	100	3.5	4.5	0.036	0.056	< 0.056	< 0.056
DM-A-04	Felix Rivera, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	8:07	11:48	1.6	354	100	7.5	9.6	0.010	0.008	0.010	< 0.008
DM-A-05	Felix Rivera, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	13:11	14:52	1.6	162	100	4	5.1	0.012	0.017	< 0.017	
DM-A-06	Carlos Santiago, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	7:35	11:50	1.6	408	100	8.5	10.8	0.010	0.007	0.010	< 0.009
DM-A-07	Carlos Santiago, General Cleaning Offices, Desks & Floors At Floor 11	PR-CE	13:11	14:47	1.6	154	100	2.5	3.2	0.008	0.018	< 0.018	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-22-13		



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**Project Description:** General Cleaning At Floor 11 And , Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Justo Cintron, Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10	PR-CE	7:22	11:50	1.60	429	100	1.5	1.9	0.002	0.006	< 0.006	0.0070
DM-A-09	Justo Cintron, Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10	PR-CE	13:05	14:53	1.60	173	100	4	5.1	0.011	0.016	< 0.016	
DM-A-10	Alexis Rodriguez, Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10	PR-CE	7:20	11:53	1.60	437	100	2	2.5	0.002	0.006	< 0.006	0.0070
DM-A-11	Alexis Rodriguez, Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10	PR-CE	13:05	14:55	1.60	176	100	1.5	1.9	0.004	0.015	< 0.015	
DM-A-12	Inside Working Area, General Cleaning At Floor 11	CE	7:37	11:47	2.00	500	100	4.5	5.7	0.004	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 11	CE	13:09	14:58	1.90	207	100	1	1.3	0.002	0.013	0.013	
DM-A-14	Inside Working Area, , Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10	CE	7:19	11:53	2.00	548	100	6	7.6	0.005	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-22-13		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-18-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Justo Cintron <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-18-13 <b>Received Date:</b> Ene-18-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 6563 <b>Worker ID:</b> 8792 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 11 And , Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, , Cleaning, Cutting Air Ducts & Rem Floor Carpets At Floor 10	CE	13:07	15:00	1.75	198	100	2	2.5	0.005	0.014	0.014	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:15	12:00	2.00	570	100	2.5	3.2	0.002	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:03	1.90	234	100	1	1.3	0.002	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-22-13		





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
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Project Description: Final Cleaning At Floor 12 & Cleaning West Side Desks , Offices At Floor 11													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Carlos Santiago, Final Cleaning at Floor 12	E	7:10	7:40	1.6	48	100	1.5	1.9	0.015	0.056	< 0.056	0.056
DM-A-04	Carlos Santiago, Final Cleaning at Floor 12	PR-CE	7:40	11:42	1.6	387	100	2	2.5	0.003	0.007	< 0.007	0.007
DM-A-05	Carlos Santiago, Final Cleaning at Floor 12	PR-CE	13:07	14:59	1.6	179	100	1	1.3	0.003	0.015	< 0.015	
DM-A-06	Luis Echevarria, Final Cleaning at Floor 12	PR-CE	7:11	11:45	1.6	438	100	3	3.8	0.003	0.006	< 0.006	0.007
DM-A-07	Luis Echevarria, Final Cleaning at Floor 12	PR-CE	13:11	14:59	1.6	173	100	0	0.0	0.000	0.016	< 0.016	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-23-13		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-22-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-22-13 <b>Received Date:</b> Ene-22-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 8792 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Final Cleaning At Floor 12 & Cleaning West Side Desks , Offices At Floor 11

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Alexis Rodriguez, Cleaning West Side desks and Offices At Floor Floor 11	PR-CE	7:17	11:51	1.60	438	100	6	7.6	0.007	0.006	0.007	0.0073
DM-A-09	Alexis Rodriguez, Cleaning West Side desks and Offices At Floor Floor 11	PR-CE	13:15	14:50	1.60	152	100	0.5	0.6	0.002	0.018	< 0.018	
DM-A-10	Dwayne Rivera, Cleaning West Side desks and Offices At Floor Floor 11	PR-CE	7:17	11:51	1.60	438	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-11	Dwayne Rivera, Cleaning West Side desks and Offices At Floor Floor 11	PR-CE	13:15	14:51	1.60	154	100	5	6.4	0.016	0.018	< 0.018	
DM-A-12	Inside Working Area, Final Cleaning At Floor 12	CE	7:11	11:40	2.00	538	100	1.5	1.9	0.001	0.005	< 0.005	
DM-A-13	Inside Working Area, Final Cleaning At Floor 12	CE	13:09	14:58	1.95	213	100	4	5.1	0.009	0.013	0.013	
DM-A-14	Inside Working Area, Cleanig West Side Desks & Offices At Floor 11	CE	7:19	11:53	2.00	548	100	3	3.8	0.003	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-23-13		





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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-22-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-22-13 <b>Received Date:</b> Ene-22-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 8792 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Final Cleaning At Floor 12 & Cleaning West Side Desks , Offices At Floor 11

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleanig West Side Desks & Offices At Floor 11	CE	13:15	14:46	1.95	177	100	1	1.3	0.003	0.015	0.015	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:05	12:00	2.00	590	100	0.5	0.6	0.000	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:04	1.95	242	100	0	0.0	0.000	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Ene-23-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-23-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-23-13 <b>Received Date:</b> Ene-23-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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Project Description: General Cleaning At Floor 11 And Cleaning & Bagout Air Ducts At Floors 10 And G													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Rivera, General Cleaning At Floor 11	E	7:12	7:42	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	0.056
DM-A-04	Felix Rivera, General Cleaning At Floor 11	PR-CE	7:42	11:55	1.6	405	100	6.5	8.3	0.008	0.007	0.008	< 0.008
DM-A-05	Felix Rivera, General Cleaning At Floor 11	PR-CE	13:03	14:45	1.6	163	100	1.5	1.9	0.005	0.017	< 0.017	
DM-A-06	Jose Perez, General Cleaning At Floor 11	PR-CE	7:15	11:55	1.6	448	100	3	3.8	0.003	0.006	< 0.006	0.007
DM-A-07	Jose Perez, General Cleaning At Floor 11	PR-CE	13:04	14:45	1.6	162	100	0.5	0.6	0.002	0.017	< 0.017	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> <u>Ene-24-13</u>		



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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-23-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-23-13 <b>Received Date:</b> Ene-23-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 11 And Cleaning & Bagout Air Ducts At Floors 10 And G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Emmanuel Cruz, Cleaning & Bagout Air Ducts At Floor 10	PR-CE	7:23	11:47	1.60	422	100	6	7.6	0.007	0.006	0.007	0.0073
DM-A-09	Emmanuel Cruz, Cleaning & Bagout Air Ducts At Floor 10	PR-CE	13:10	14:50	1.60	160	100	4	5.1	0.012	0.017	< 0.017	
DM-A-10	Isaac Batista, Cleaning & Bagout Air Ducts At Floor G	PR-CE	7:28	11:48	1.60	416	100	10.5	13.4	0.012	0.006	0.012	0.0153
DM-A-11	Isaac Batista, Cleaning & Bagout Air Ducts At Floor G	PR-CE	13:10	14:52	1.60	163	100	13.5	17.2	0.041	0.017	0.041	
DM-A-12	Inside Working Area, General Cleaning At Floor 11	CE	7:13	11:56	2.00	566	100	1	1.3	0.001	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 11	CE	13:05	14:45	1.90	190	100	0	0.0	0.000	0.014	0.014	
DM-A-14	Inside Working Area, Cleaning And Bagout At Floor 10	CE	7:25	11:49	6.00	1584	100	17.5	22.3	0.005	0.002	0.005	

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<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-24-13		





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Project Description: General Cleaning At Floor 11 And Cleaning & Bagout Air Ducts At Floors 10 And G													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning And Bagout At Floor 10	CE	13:11	14:55	6.00	624	100	11	14.0	0.009	0.004	0.009	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:07	12:00	2.00	586	100	3.5	4.5	0.003	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:00	1.95	234	100	2	2.5	0.004	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-24-13		





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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-24-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Joshuly Centeno <b>Worker Name:</b> Justo Cintron <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A							<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-24-13 <b>Received Date:</b> Ene-24-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 3381 <b>Worker ID:</b> 6563 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A						
<b>Project Description:</b> General Cleaning At Floor 11 And Cleaning & Cutting Carpets At Floors 10													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Quiñones, General Cleaning At Floor 11	E	7:19	7:49	1.6	48	100	1	1.3	0.010	0.056	< 0.056	0.056
DM-A-04	Luis Quiñones, General Cleaning At Floor 11	PR-CE	7:49	11:54	1.6	392	100	3.5	4.5	0.004	0.007	< 0.007	0.008
DM-A-05	Luis Quiñones, General Cleaning At Floor 11	PR-CE	13:07	14:56	1.6	174	100	6.5	8.3	0.018	0.015	0.018	
DM-A-06	Carlos Santiago, General Cleaning At Floor 11	PR-CE	7:18	11:54	1.6	442	100	4	5.1	0.004	0.006	< 0.006	0.007
DM-A-07	Carlos Santiago, General Cleaning At Floor 11	PR-CE	13:07	15:00	1.6	181	100	0.5	0.6	0.001	0.015	< 0.015	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Ene-25-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
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**Project Description:** General Cleaning At Floor 11 And Cleaning & Cutting Carpets At Floors 10

Sample ID	Location	Type	TIME		FLOW RATE (L/PM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Joshuly Centeno, General Cleaning At Floor 11	PR-CE	7:15	11:55	1.60	448	100	1.5	1.9	0.002	0.006	< 0.006	0.0070
DM-A-09	Joshuly Centeno, General Cleaning At Floor 11	PR-CE	13:07	15:00	1.60	181	100	3	3.8	0.008	0.015	< 0.015	
DM-A-10	Justo Cintron, Cleaning & Cutting Carpets At Floor 10	PR-CE	7:27	12:04	1.60	443	100	0.5	0.6	0.001	0.006	< 0.006	0.0070
DM-A-11	Justo Cintron, Cleaning & Cutting Carpets At Floor 10	PR-CE	13:15	15:04	1.60	174	100	0	0.0	0.000	0.015	< 0.015	
DM-A-12	Inside Working Area, General Cleaning At Floor 11	CE	7:20	12:00	2.00	560	100	2.5	3.2	0.002	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 11	CE	13:09	14:55	1.90	201	100	6	7.6	0.015	0.013	0.015	
DM-A-14	Inside Working Area, Cleaning And Cutting Carpets At Floor 10	CE	7:30	12:04	2.00	548	100	3.5	4.5	0.003	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	<b>Date:</b> Ene-25-13
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**Project Description:** General Cleaning At Floor 11 And Cleaning & Cutting Carpets At Floors 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning And Cutting Carpets At Floor 10	CE	13:15	15:05	1.95	215	100	1.5	1.9	0.003	0.013	0.013	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:09	11:59	2.00	580	100	1	1.3	0.001	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:07	1.90	241	100	0.5	0.6	0.001	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-25-13		





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Project Description: General Cleaning At Floor 11 And Cleaning & Cutting Carpets At Floors 10													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, General Cleaning At Floor 11	E	7:20	7:50	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Luis Echevarria, General Cleaning At Floor 11	PR-CE	7:50	11:43	1.6	373	100	0.5	0.6	0.001	0.007	< 0.007	< 0.007
DM-A-05	Luis Echevarria, General Cleaning At Floor 11	PR-CE	13:12	14:56	1.6	166	100	1.5	1.9	0.004	0.016	< 0.016	
DM-A-06	Jose Perez, General Cleaning At Floor 11	PR-CE	7:20	11:43	1.6	421	100	3.5	4.5	0.004	0.006	< 0.006	0.007
DM-A-07	Jose Perez, General Cleaning At Floor 11	PR-CE	13:14	14:56	1.6	163	100	1	1.3	0.003	0.017	< 0.017	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-28-13		



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**Project Description:** General Cleaning At Floor 11 And Cleaning & Cutting Carpets At Floors 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Eliezer Lopez, Cleaning & Cutting Carpets At Floor 10	PR-CE	7:26	11:55	1.60	430	100	9	11.5	0.010	0.006	0.010	< 0.0093
DM-A-09	Eliezer Lopez, Cleaning & Cutting Carpets At Floor 10	PR-CE	13:07	14:48	1.60	162	100	2.5	3.2	0.008	0.017	< 0.017	
DM-A-10	Carlos Ferrer, Cleaning & Cutting Carpets At Floor 10	PR-CE	7:27	11:56	1.60	430	100	5.5	7.0	0.006	0.006	< 0.006	0.0070
DM-A-11	Carlos Ferrer, Cleaning & Cutting Carpets At Floor 10	PR-CE	13:07	14:48	1.60	162	100	3.5	4.5	0.011	0.017	< 0.017	
DM-A-12	Inside Working Area, General Cleaning At Floor 11	CE	7:18	11:40	2.00	524	100	0.5	0.6	0.000	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 11	CE	13:14	15:00	1.75	186	100	2	2.5	0.005	0.015	0.015	
DM-A-14	Inside Working Area, Cleaning And Cutting Carpets At Floor 10	CE	7:26	12:00	2.00	548	100	7	8.9	0.006	0.005	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-28-13		





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**Project Description:** General Cleaning At Floor 11 And Cleaning & Cutting Carpets At Floors 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning And Cutting Carpets At Floor 10	CE	13:05	14:46	1.95	197	100	3	3.8	0.007	0.014	0.014	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:05	12:09	2.00	608	100	0	0.0	0.000	0.004	0.004	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:07	1.90	241	100	0.5	0.6	0.001	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Ene-28-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

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<b>Project Description:</b> Cleaning Air Ducts Area At Floor 10 And Cutting Air Ducts At Floors 9													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Carlos Santiago, Cleaning Air Ducts Area At Floor 10	E	7:23	7:53	1.6	48	100	0	0.0	0.000	0.056	< 0.056	< 0.056
DM-A-04	Carlos Santiago, Cleaning Air Ducts Area At Floor 10	PR-CE	7:53	11:57	1.6	390	100	4.5	5.7	0.006	0.007	< 0.007	0.007
DM-A-05	Carlos Santiago, Cleaning Air Ducts Area At Floor 10	PR-CE	13:03	15:00	1.6	187	100	2.5	3.2	0.007	0.014	< 0.014	
DM-A-06	Emmanuel Cruz, Cleaning Air Ducts Area At Floor 10	PR-CE	7:24	11:57	1.6	437	100	3.5	4.5	0.004	0.006	< 0.006	0.007
DM-A-07	Emmanuel Cruz, Cleaning Air Ducts Area At Floor 10	PR-CE	13:05	15:01	1.6	186	100	0.5	0.6	0.001	0.015	< 0.015	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Ene-29-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-28-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Eliezer Lopez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A								<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-28-13 <b>Received Date:</b> Ene-28-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 1269 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A							
<b>Project Description:</b> <u>Cleaning Air Ducts Area At Floor 10 And Cutting Air Ducts At Floors 9</u>															
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)		
			START	STOP											
DM-A-08	Eliezer Lopez, Cutting Air Ducts At Floor 9	PR-CE	7:34	11:51	1.60	411	100	1	1.3	0.001	0.007	< 0.007	0.0073		
DM-A-09	Eliezer Lopez, Cutting Air Ducts At Floor 9	PR-CE	13:11	14:53	1.60	163	100	6	7.6	0.018	0.017	0.018			
DM-A-10	Isaac Batista, Cutting Air Ducts At Floor 9	PR-CE	7:34	11:49	1.60	408	100	4	5.1	0.005	0.007	< 0.007	0.0070		
DM-A-11	Isaac Batista, Cutting Air Ducts At Floor 9	PR-CE	13:11	14:54	1.60	165	100	1	1.3	0.003	0.016	< 0.016			
DM-A-12	Inside Working Area, Cleaning At Floor 10	CE	7:27	11:59	2.00	544	100	1	1.3	0.001	0.005	< 0.005			
DM-A-13	Inside Working Area, Cleaning At Floor 10	CE	13:05	15:02	1.90	222	100	0	0.0	0.000	0.012	0.012			
DM-A-14	Inside Working Area, Cutting Air Ducts At Floor 9	CE	7:30	11:49	2.00	518	100	2	2.5	0.002	0.005	0.005			
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.															
<b>Reported By:</b> <b>Date:</b> <u>Ene-29-13</u>		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145													





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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-28-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Eliezer Lopez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-28-13 <b>Received Date:</b> Ene-28-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 1269 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** Cleaning Air Ducts Area At Floor 10 And Cutting Air Ducts At Floors 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cutting Air Ducts At Floor 9	CE	13:12	14:50	1.90	186	100	3	3.8	0.008	0.015	0.015	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:15	12:00	2.00	570	100	0	0.0	0.000	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:07	1.95	248	100	1.5	1.9	0.003	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-29-13		





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**Project Description:** General Cleaning At Floor 10 And Cutting & Bagout Air Ducts At Floors 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Echevarria, General Cleaning At Floor 10	E	7:25	7:55	1.6	48	100	2	2.5	0.020	0.056	< 0.056	< 0.056
DM-A-04	Luis Echevarria, General Cleaning At Floor 10	PR-CE	7:55	11:59	1.6	390	100	3	3.8	0.004	0.007	< 0.007	0.007
DM-A-05	Luis Echevarria, General Cleaning At Floor 10	PR-CE	13:08	14:45	1.6	155	100	0.5	0.6	0.002	0.017	< 0.017	
DM-A-06	Luis Lugo, General Cleaning At Floor 10	PR-CE	7:25	12:00	1.6	440	100	6	7.6	0.007	0.006	0.007	0.008
DM-A-07	Luis Lugo, General Cleaning At Floor 10	PR-CE	13:08	14:45	1.6	155	100	6.5	8.3	0.021	0.017	0.021	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-30-13		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe		<b>Project Name:</b> Centro Minillas North Tower, San Juan	
<b>Contact:</b> Hector Oquendo		<b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416	
<b>Phone / Fax/Email:</b> 939-630-4370      proyectominillas1@yahoo.com			
<b>Sampling Date:</b> Ene-29-13 <b>Analytical Method:</b> NIOSH 7400			
<b>Collected By:</b> David J. Meléndez		<b>Collected ID:</b> ASB-0510-0284-MS	
<b>Delivery By:</b> David J. Meléndez		<b>Delivery Date:</b> Ene-29-13	
<b>Received By:</b> David J. Meléndez		<b>Received Date:</b> Ene-29-13	
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>		<b>AIHA Lab ID:</b> 199763	
<b>Worker Name:</b> Luis Echevarria		<b>Worker ID:</b> 6463	
<b>Worker Name:</b> Luis Lugo		<b>Worker ID:</b> 2541	
<b>Worker Name:</b> Luis Quiñones		<b>Worker ID:</b> 2904	
<b>Worker Name:</b> Pedro Hernandez		<b>Worker ID:</b> 2973	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	
<b>Worker Name:</b> N/A		<b>Worker ID:</b> N/A	

**Project Description:** General Cleaning At Floor 10 And Cutting & Bagout Air Ducts At Floors 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Luis Quiñones, Cutting & Bagout Air Ducts At Floor 9	PR-CE	7:37	12:04	1.60	427	100	4.5	5.7	0.005	0.006	< 0.006	0.0070
DM-A-09	Luis Quiñones, Cutting & Bagout Air Ducts At Floor 9	PR-CE	13:11	14:54	1.60	165	100	1	1.3	0.003	0.016	< 0.016	
DM-A-10	Pedro Hernandez, Cutting & Bagout Air Ducts At Floor 9	PR-CE	7:35	12:04	1.60	430	100	8	10.2	0.009	0.006	0.009	< 0.0089
DM-A-11	Pedro Hernandez, Cutting & Bagout Air Ducts At Floor 9	PR-CE	13:13	14:57	1.60	166	100	6	7.6	0.018	0.016	0.018	
DM-A-12	Inside Working Area, General Cleaning At Floor 10	CE	7:23	11:55	2.00	544	100	3	3.8	0.003	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 10	CE	13:06	14:49	1.90	196	100	4	5.1	0.010	0.014	0.014	
DM-A-14	Inside Working Area, Cutting & Bagout Air Ducts At Floor 9	CE	7:35	12:05	2.00	540	100	2	2.5	0.002	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> david.melendez@altolenterprises.com
	<b>Phone:</b> 787-430-6145
<b>Date:</b> Ene-30-13	





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-29-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Pedro Hernandez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-29-13 <b>Received Date:</b> Ene-29-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2973 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 And Cutting & Bagout Air Ducts At Floors 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cutting & Bagout Air Ducts At Floor 9	CE	13:10	14:52	1.75	179	100	0.5	0.6	0.001	0.015	0.015	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:19	11:47	2.00	536	100	1	1.3	0.001	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	14:59	1.95	232	100	0.5	0.6	0.001	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Ene-30-13		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL




<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	<b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416
<b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a>	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Sampling Date:</b> Ene-30-13 <b>Analytical Method:</b> NIOSH 7400	<b>Delivery Date:</b> Ene-30-13
<b>Collected By:</b> David J. Meléndez	<b>Received Date:</b> Ene-30-13
<b>Delivery By:</b> David J. Meléndez	<b>AIHA Lab ID:</b> 199763
<b>Received By:</b> David J. Meléndez	<b>Worker ID:</b> 9476
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>Worker ID:</b> 0897
<b>Worker Name:</b> Felix Rivera	<b>Worker ID:</b> 1608
<b>Worker Name:</b> Jose Perez	<b>Worker ID:</b> 8689
<b>Worker Name:</b> Dwayne Rivera	<b>Worker ID:</b> N/A
<b>Worker Name:</b> Carlos Ferrer	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	
<b>Worker Name:</b> N/A	

**Project Description:** General Cleaning At Floor 10 & Bagout Air Ducts At Floors 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Rivera, General Cleaning At Floor 10	E	7:20	7:50	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Felix Rivera, General Cleaning At Floor 10	PR-CE	7:50	11:38	1.6	365	100	1.5	1.9	0.002	0.007	< 0.007	< 0.007
DM-A-05	Felix Rivera, General Cleaning At Floor 10	PR-CE	13:07	15:05	1.6	189	100	3.5	4.5	0.009	0.014	< 0.014	
DM-A-06	Jose Perez, General Cleaning At Floor 10	PR-CE	7:19	11:39	1.6	416	100	4	5.1	0.005	0.006	< 0.006	0.007
DM-A-07	Jose Perez, General Cleaning At Floor 10	PR-CE	13:07	15:05	1.6	189	100	1	1.3	0.003	0.014	< 0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145
<b>Date:</b> Ene-31-13	



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**Project Description:** General Cleaning At Floor 10 & Bagout Air Ducts At Floors 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Dwayne Rivera, Bagout Air Ducts At Floor 9	PR-CE	7:29	11:45	1.60	410	100	2	2.5	0.002	0.007	< 0.007	0.0077
DM-A-09	Dwayne Rivera, Bagout Air Ducts At Floor 9	PR-CE	13:10	15:09	1.60	190	100	6.5	8.3	0.017	0.014	0.017	
DM-A-10	Carlos Ferrer, Bagout Air Ducts At Floor 9	PR-CE	7:29	11:47	1.60	413	100	7	8.9	0.008	0.007	0.008	< 0.0080
DM-A-11	Carlos Ferrer, Bagout Air Ducts At Floor 9	PR-CE	13:11	15:09	1.60	189	100	1.5	1.9	0.004	0.014	< 0.014	
DM-A-12	Inside Working Area, General Cleaning At Floor 10	CE	7:18	11:40	2.00	524	100	5	6.4	0.005	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 10	CE	13:05	15:04	1.90	226	100	1	1.3	0.002	0.012	0.012	
DM-A-14	Inside Working Area, Bagout Air Ducts At Floor 9	CE	7:31	11:50	2.00	518	100	5.5	7.0	0.005	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background, EX = Exposure, OS = Outside, PP = Preparation, RM = Removal, CE = Cleaning, CL= Clearance, E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-31-13		





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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-30-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, inc.</b> <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> Carlos Ferrer <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-30-13 <b>Received Date:</b> Ene-30-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 1608 <b>Worker ID:</b> 8689 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Bagout Air Ducts At Floors 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Bagout Air Ducts At Floor 9	CE	13:10	15:09	1.95	232	100	1	1.3	0.002	0.012	0.012	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:12	11:59	2.00	574	100	0	0.0	0.000	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:11	1.90	249	100	1	1.3	0.002	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Ene-3-13		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Ene-31-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Eligio Ortiz <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A							<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Ene-31-13 <b>Received Date:</b> Ene-31-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8792 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 5737 <b>Worker ID:</b> 2904 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A						
<b>Project Description:</b> General Cleaning At Floor 11 & Bagout Air Ducts At Floors G													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Alexis Rodriguez, General Cleaning At Floor 11	E	7:13	7:43	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	0.056
DM-A-04	Alexis Rodriguez, General Cleaning At Floor 11	PR-CE	7:43	11:57	1.6	406	100	0	0.0	0.000	0.007	< 0.007	0.007
DM-A-05	Alexis Rodriguez, General Cleaning At Floor 11	PR-CE	13:09	15:07	1.6	189	100	1	1.3	0.003	0.014	< 0.014	
DM-A-06	Carlos Santiago, General Cleaning At Floor 11	PR-CE	7:11	11:55	1.6	454	100	2.5	3.2	0.003	0.006	< 0.006	0.007
DM-A-07	Carlos Santiago, General Cleaning At Floor 11	PR-CE	13:09	15:07	1.6	189	100	0	0.0	0.000	0.014	< 0.014	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Feb-1-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



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**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



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**Project Description:** General Cleaning At Floor 11 & Bagout Air Ducts At Floors G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Eligio Ortiz, Bagout Air Ducts At Floor G	PR-CE	7:17	11:55	1.60	445	100	3	3.8	0.003	0.006	< 0.006	0.0070
DM-A-09	Eligio Ortiz, Bagout Air Ducts At Floor G	PR-CE	13:11	15:10	1.60	190	100	1.5	1.9	0.004	0.014	< 0.014	
DM-A-10	Luis Quiñones, Bagout Air Ducts At Floor G	PR-CE	7:26	12:03	1.60	443	100	14.5	18.5	0.016	0.006	0.016	< 0.0134
DM-A-11	Luis Quiñones, Bagout Air Ducts At Floor G	PR-CE	13:04	15:02	1.60	189	100	6.5	8.3	0.017	0.014	0.017	
DM-A-12	Inside Working Area, General Cleaning At Floor 11	CE	7:10	11:58	2.00	576	100	2.5	3.2	0.002	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 11	CE	13:12	15:10	1.75	207	100	0.5	0.6	0.001	0.013	0.013	
DM-A-14	Inside Working Area, Bagout Air Ducts At Floor G	CE	7:30	12:04	2.00	548	100	8	10.2	0.007	0.005	0.007	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Feb-1-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



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**Project Description:** General Cleaning At Floor 11 & Bagout Air Ducts At Floors G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Bagout Air Ducts At Floor G	CE	13:05	15:02	1.90	222	100	5	6.4	0.011	0.012	0.012	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:08	12:09	2.00	602	100	2	2.5	0.002	0.004	0.004	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:14	1.90	255	100	0.5	0.6	0.001	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Feb-1-13		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-1-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A						<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-1-13 <b>Received Date:</b> Feb-1-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 4510 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A							
<b>Project Description:</b> General Cleaning At Floor 10													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Luis Lugo, General Cleaning At Floor 10	E	7:17	7:47	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	0.056
DM-A-04	Luis Lugo, General Cleaning At Floor 10	PR-CE	7:47	11:55	1.6	397	100	5	6.4	0.006	0.007	< 0.007	0.007
DM-A-05	Luis Lugo, General Cleaning At Floor 10	PR-CE	13:09	15:10	1.6	194	100	0	0.0	0.000	0.014	< 0.014	
DM-A-06	Carlos Santiago, General Cleaning At Floor 10	PR-CE	7:15	11:55	1.6	448	100	1.5	1.9	0.002	0.006	< 0.006	0.007
DM-A-07	Carlos Santiago, General Cleaning At Floor 10	PR-CE	13:10	15:12	1.6	195	100	2.5	3.2	0.006	0.014	< 0.014	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.													
<b>Reported By:</b>  <b>Date:</b> Feb-4-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											



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**Project Description:** General Cleaning At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Emmanuel Cruz, General Cleaning At Floor 10	PR-CE	7:15	11:57	1.60	451	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-09	Emmanuel Cruz, General Cleaning At Floor 10	PR-CE	13:10	15:12	1.60	195	100	4.5	5.7	0.011	0.014	< 0.014	
DM-A-10	Axel Rodriguez, General Cleaning At Floor 10	PR-CE	7:20	12:00	1.60	448	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-11	Axel Rodriguez, General Cleaning At Floor 10	PR-CE	13:08	15:09	1.60	194	100	3	3.8	0.008	0.014	< 0.014	
DM-A-12	Inside Working Area, General Cleaning At Floor 10	CE	7:19	11:50	2.00	542	100	1.5	1.9	0.001	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 10	CE	13:11	15:04	1.90	215	100	3.5	4.5	0.008	0.013	0.013	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:10	12:06	2.00	592	100	0	0.0	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Date:</b> Feb-4-13		





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**Project Description:** General Cleaning At Floor 10

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:15	1.95	263	100	1	1.3	0.002	0.010	0.010	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Feb-4-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-4-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-4-13 <b>Received Date:</b> Feb-4-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 And Cutting & Bagout Air Ducts At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Jose Perez, General Cleaning At Floor 10	E	7:21	7:51	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Jose Perez, General Cleaning At Floor 10	PR-CE	7:51	11:58	1.6	395	100	1	1.3	0.001	0.007	< 0.007	0.007
DM-A-05	Jose Perez, General Cleaning At Floor 10	PR-CE	13:07	15:00	1.6	181	100	0	0.0	0.000	0.015	< 0.015	
DM-A-06	Felix Velazquez, General Cleaning At Floor 10	PR-CE	7:28	11:57	1.6	430	100	1	1.3	0.001	0.006	< 0.006	0.007
DM-A-07	Felix Velazquez, General Cleaning At Floor 10	PR-CE	13:09	15:03	1.6	182	100	2.5	3.2	0.007	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-5-13		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-4-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A							<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-4-13 <b>Received Date:</b> Feb-4-13 <b>AIHA Lab ID:</b> i99763 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A						
<b>Project Description:</b> General Cleaning At Floor 10 And Cutting & Bagout Air Ducts At Floor 9													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Isaac Batista, Cutting & Bagout Air Ducts At Floor 9	PR-CE	7:32	11:50	1.60	413	100	4.5	5.7	0.005	0.007	< 0.007	0.0070
DM-A-09	Isaac Batista, Cutting & Bagout Air Ducts At Floor 9	PR-CE	13:09	15:06	1.60	187	100	2	2.5	0.005	0.014	< 0.014	
DM-A-10	Inside Working Area, General Cleaning At Floor 10	CE	7:17	11:55	2.00	556	100	7.5	9.6	0.007	0.005	0.007	0.0069
DM-A-11	Inside Working Area, General Cleaning At Floor 10	CE	13:14	14:59	1.85	194	100	5	6.4	0.013	0.014	< 0.014	
DM-A-12	Inside Working Area, Cutting & Bagout Air Ducts At Floor 9	CE	7:30	11:47	2.00	514	100	3.5	4.5	0.003	0.005	< 0.005	
DM-A-13	Inside Working Area, Cutting & Bagout Air Ducts At Floor 9	CE	13:10	15:06	1.85	215	100	1.5	1.9	0.003	0.013	0.013	
DM-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:14	12:02	2.00	576	100	1	1.3	0.001	0.005	0.005	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b> <b>Date:</b> Feb-5-13		<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145											





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-4-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-4-13 <b>Received Date:</b> Feb-4-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 And Cutting & Bagout Air Ducts At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	13:01	15:09	1.95	250	100	1	1.3	0.002	0.011	0.011	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Feb-5-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-5-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-5-13 <b>Received Date:</b> Feb-5-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Precleaning At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Emmanuel Cruz, General Cleaning At Floor 10	E	7:09	7:39	1.6	48	100	1	1.3	0.010	0.056	< 0.056	0.056
DM-A-04	Emmanuel Cruz, General Cleaning At Floor 10	PR-CE	7:39	11:48	1.6	398	100	0.5	0.6	0.001	0.007	< 0.007	0.007
DM-A-05	Emmanuel Cruz, General Cleaning At Floor 10	PR-CE	13:09	17:00	1.6	370	100	2	2.5	0.003	0.007	< 0.007	
DM-A-06	Luis Echevarria, General Cleaning At Floor 10	PR-CE	7:11	11:50	1.6	446	100	3.5	4.5	0.004	0.006	< 0.006	0.007
DM-A-07	Luis Echevarria, General Cleaning At Floor 10	PR-CE	13:09	17:04	1.6	376	100	0.5	0.6	0.001	0.007	< 0.007	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.


<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-6-13		

<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-5-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-5-13 <b>Received Date:</b> Feb-5-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Precleaning At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Axel Rodriguez, General Cleaning At Floor 10	PR-CE	7:12	11:50	1.60	445	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-09	Axel Rodriguez, General Cleaning At Floor 10	PR-CE	13:10	17:04	1.60	374	100	5.5	7.0	0.007	0.007	< 0.007	
DM-A-10	Isaac Batista, Precleaning At Floor 9	PR-CE	7:17	11:57	1.60	448	100	1	1.3	0.001	0.006	< 0.006	0.0070
DM-A-11	Isaac Batista, Precleaning At Floor 9	PR-CE	13:15	16:56	1.60	354	100	0	0.0	0.000	0.008	< 0.008	
DM-A-12	Inside Working Area, General Cleaning At Floor 10	CE	7:05	11:50	2.00	570	100	2.5	3.2	0.002	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 10	CE	13:08	17:05	1.75	415	100	1	1.3	0.001	0.007	0.007	
DM-A-14	Inside Working Area, Precleaning At Floor 9	CE	7:17	12:00	2.00	566	100	6	7.6	0.005	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-6-13		




<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-5-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez      Altol Chemical Environmental Laboratory, Inc. <b>Worker Name:</b> Emmanuel Cruz <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Isaac Batista <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-5-13 <b>Received Date:</b> Feb-5-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 4403 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 5214 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Precleaning At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Precleaning At Floor 9	CE	13:15	16:56	1.90	420	100	4	5.1	0.005	0.006	0.006	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:00	12:04	2.00	608	100	1.5	1.9	0.001	0.004	0.004	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	17:11	1.90	477	100	2.5	3.2	0.003	0.006	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-6-03		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-6-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-6-13 <b>Received Date:</b> Feb-6-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8782 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2904 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Cleaning At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Alexis Rodriguez, General Cleaning At Floor 10	E	7:11	7:41	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
DM-A-04	Alexis Rodriguez, General Cleaning At Floor 10	PR-CE	7:41	12:03	1.6	419	100	1	1.3	0.001	0.006	< 0.006	0.007
DM-A-05	Alexis Rodriguez, General Cleaning At Floor 10	PR-CE	13:14	17:04	1.6	368	100	1.5	1.9	0.002	0.007	< 0.007	
DM-A-06	Jose Perez, General Cleaning At Floor 10	PR-CE	7:15	12:05	1.6	464	100	2.5	3.2	0.003	0.006	< 0.006	0.007
DM-A-07	Jose Perez, General Cleaning At Floor 10	PR-CE	13:07	17:06	1.6	382	100	0.5	0.6	0.001	0.007	< 0.007	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
<b>Analyzed Date:</b> Feb-7-13		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectorminillas1@yahoo.com">proyectorminillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-6-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-6-13 <b>Received Date:</b> Feb-6-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8782 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2904 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Cleaning At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-08	Felix Velazquez, General Cleaning At Floor 10	PR-CE	7:16	12:02	1.60	458	100	4	5.1	0.004	0.006	< 0.006	0.0070
DM-A-09	Felix Velazquez, General Cleaning At Floor 10	PR-CE	13:08	17:04	1.60	378	100	0	0.0	0.000	0.007	< 0.007	
DM-A-10	Luis Quiñones, Cleaning At Floor 9	PR-CE	7:19	11:49	1.60	432	100	5.5	7.0	0.006	0.006	< 0.006	0.0080
DM-A-11	Luis Quiñones, Cleaning At Floor 9	PR-CE	13:14	17:06	1.60	371	100	7	8.9	0.009	0.007	0.009	
DM-A-12	Inside Working Area, General Cleaning At Floor 10	CE	7:14	12:05	2.00	582	100	3.5	4.5	0.003	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 10	CE	13:15	17:00	1.90	428	100	2	2.5	0.002	0.006	0.006	
DM-A-14	Inside Working Area, Cleaning At Floor 9	CE	7:19	11:50	2.00	542	100	0.5	0.6	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Analyzed Date:</b> Feb-7-13		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-6-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-6-13 <b>Received Date:</b> Feb-6-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 8782 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 2904 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Cleaning At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning At Floor 9	CE	13:07	17:06	1.90	454	100	5	6.4	0.005	0.006	0.006	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:08	12:10	2.00	604	100	0.5	0.6	0.000	0.004	0.004	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:01	17:11	1.95	488	100	0.5	0.6	0.001	0.006	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Analyzed Date:</b> Feb-7-13		





# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   proyectorminillas1@yahoo.com <b>Sampling Date:</b> Feb-7-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-7-13 <b>Received Date:</b> Feb-7-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Cleaning North Area At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
DM-A-03	Felix Velazquez, General Cleaning At Floor 10	E	7:04	7:34	1.6	48	100	1	1.3	0.010	0.056	< 0.056	< 0.056
DM-A-04	Felix Velazquez, General Cleaning At Floor 10	PR-CE	7:34	12:06	1.6	435	100	5	6.4	0.006	0.006	< 0.006	0.007
DM-A-05	Felix Velazquez, General Cleaning At Floor 10	PR-CE	13:09	17:03	1.6	374	100	1.5	1.9	0.002	0.007	< 0.007	
DM-A-06	Luis Echevarria, General Cleaning At Floor 10	PR-CE	7:07	12:06	1.6	478	100	2.5	3.2	0.003	0.006	< 0.006	0.007
DM-A-07	Luis Echevarria, General Cleaning At Floor 10	PR-CE	13:05	17:00	1.6	376	100	1	1.3	0.001	0.007	< 0.007	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-8-13		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-7-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-7-13 <b>Received Date:</b> Feb-7-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Cleaning North Area At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs
			START	STOP									(f/cc)
DM-A-08	Axel Rodriguez, General Cleaning At Floor 10	PR-CE	7:06	12:08	1.60	483	100	0.5	0.6	0.001	0.006	< 0.006	0.0070
DM-A-09	Axel Rodriguez, General Cleaning At Floor 10	PR-CE	13:05	17:03	1.60	381	100	2	2.5	0.003	0.007	< 0.007	
DM-A-10	Dwayne Rivera, Cleaning North Area At Floor 9	PR-CE	7:10	12:10	1.60	480	100	3.5	4.5	0.004	0.006	< 0.006	0.0070
DM-A-11	Dwayne Rivera, Cleaning North Area At Floor 9	PR-CE	13:12	17:05	1.60	373	100	0.5	0.6	0.001	0.007	< 0.007	
DM-A-12	Inside Working Area, General Cleaning At Floor 10	CE	7:05	12:05	2.00	600	100	3	3.8	0.002	0.005	< 0.005	
DM-A-13	Inside Working Area, General Cleaning At Floor 10	CE	13:07	17:00	1.90	443	100	2.5	3.2	0.003	0.006	0.006	
DM-A-14	Inside Working Area, Cleaning North Area At Floor 9	CE	7:12	12:10	2.00	596	100	0	0.0	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-8-13		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   proyectominillas1@yahoo.com <b>Sampling Date:</b> Feb-7-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> Luis Echevarria <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> Dwayne Rivera <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-7-13 <b>Received Date:</b> Feb-7-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 5242 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 4510 <b>Worker ID:</b> 1608 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor 10 & Cleaning North Area At Floor 9

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
DM-A-15	Inside Working Area, Cleaning North Area At Floor 9	CE	13:13	17:05	1.95	452	100	2	2.5	0.002	0.006	0.006	
DM-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:00	12:00	2.00	600	100	1	1.3	0.001	0.005	0.005	
DM-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:01	17:12	1.95	489	100	3.5	4.5	0.004	0.006	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>   <b>Date:</b> Feb-8-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-8-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 10 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-8-13 <b>Received Date:</b> Feb-8-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 8792 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Final Cleaning At Floor 10 & Cleaning North Area At Floor 9 And Bagout At Floor G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-020813-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
416-020813-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
416-020813-A-03	Jose Perez, General Final Cleaning At Floor 10	E	7:17	7:47	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
416-020813-A-04	Jose Perez, General Final Cleaning At Floor 10	PR-CE	7:47	13:08	1.6	514	100	0.5	0.6	0.000	0.005	< 0.005	< 0.004
416-020813-A-05	Luis Quiñones, Cleaning North Area At Floor 9	PR-CE	7:23	13:05	1.6	547	100	1.5	1.9	0.001	0.005	< 0.005	< 0.004
416-020813-A-06	Luis Lugo, Cleaning North Area At Floor 9	PR-CE	7:23	13:05	1.6	547	100	0	0.0	0.000	0.005	< 0.005	< 0.004
416-020813-A-07	Alexis Rodriguez, Bagout At Floor G	PR-CE	7:14	13:00	1.6	554	100	2	2.5	0.002	0.005	< 0.005	< 0.004

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-11-13		



# ALTOL ENVIRONMENTAL SERVICES, INC.

## FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-8-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Luis Lugo <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 10 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-8-13 <b>Received Date:</b> Feb-8-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 2541 <b>Worker ID:</b> 8792 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Final Cleaning At Floor 10 & Cleaning North Area At Floor 9 And Bagout At Floor G

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-020813-A-08	Inside Working Area, General Final Cleaning At Floor 10	CE	7:16	13:08	2.00	704	100	0.5	0.6	0.000	0.004	< 0.004	
416-020813-A-09	Inside Working Area, Cleaning North Area At Floor 9	CE	7:14	13:06	2.00	704	100	1	1.3	0.001	0.004	< 0.004	
416-020813-A-10	Outside Working Area, Decon Clean Room At Floor G	OS	7:06	13:11	2.00	730	100	0	0.0	0.000	0.004	< 0.004	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Feb-11-13	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145	
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# ALTOL ENVIRONMENTAL SERVICES, INC.

FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS  
SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-11-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-11-13 <b>Received Date:</b> Feb-11-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 4510 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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Project Description: General Final Cleaning At Floor 12 & 13													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021113-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
416-021113-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
416-021113-A-03	Carlos Santiago, General Final Cleaning At Floor 13	E	7:29	7:59	1.6	48	100	0.5	0.6	0.005	0.056	< 0.056	< 0.056
416-021113-A-04	Carlos Santiago, General Final Cleaning At Floor 13	PR-CE	7:59	11:55	1.6	378	100	0	0.0	0.000	0.007	< 0.007	< 0.007
416-021113-A-05	Carlos Santiago, General Final Cleaning At Floor 13	PR-CE	13:00	15:05	1.6	200	100	1	1.3	0.002	0.014	< 0.014	
416-021113-A-06	Jose Perez, General Final Cleaning At Floor 13	PR-CE	7:27	11:57	1.6	432	100	2	2.5	0.002	0.006	< 0.006	0.007
416-021113-A-07	Jose Perez, General Final Cleaning At Floor 13	PR-CE	13:02	15:05	1.6	197	100	0	0.0	0.000	0.014	< 0.014	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

Reported By:

David J. Meléndez  
Tecnico Ambiental  
[david.melendez@altolenterprises.com](mailto:david.melendez@altolenterprises.com)  
Phone: 787-430-6145

Date: Feb-12-13





**ALTOL ENVIRONMENTAL SERVICES, INC.**  
**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370   <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-11-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Jose Perez <b>Worker Name:</b> Axel Rodriguez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-11-13 <b>Received Date:</b> Feb-11-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 0897 <b>Worker ID:</b> 4510 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Final Cleaning At Floor 12 & 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021113-A-08	Axel Rodriguez, General Final Cleaning At Floor 12	PR-CE	7:33	12:00	1.60	427	100	0.5	0.6	0.001	0.006	< 0.006	0.0070
416-021113-A-09	Axel Rodriguez, General Final Cleaning At Floor 12	PR-CE	13:06	14:57	1.60	178	100	0.5	0.6	0.001	0.015	< 0.015	
416-021113-A-10	Inside Working Area, General Final Cleaning At Floor 13	CE	7:25	11:54	2.00	538	100	1.5	1.9	0.001	0.005	< 0.005	
416-021113-A-11	Inside Working Area, General Final Cleaning At Floor 13	CE	13:00	15:05	1.95	244	100	0	0.0	0.000	0.011	< 0.011	
416-021113-A-12	Inside Working Area, General Final Cleaning At Floor 12	CE	7:34	12:00	2.00	532	100	1	1.3	0.001	0.005	< 0.005	
416-021113-A-13	Inside Working Area, General Final Cleaning At Floor 12	CE	13:06	14:55	1.95	213	100	2.5	3.2	0.006	0.013	0.013	
416-021113-A-14	Outside Working Area, Decon Clean Room At Floor G	OS	7:22	12:09	2.00	574	100	0	0.0	0.000	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
<b>Date:</b> Feb-12-13		



**ALTOL ENVIRONMENTAL SERVICES, INC.**  
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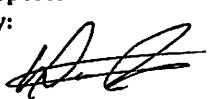


<b>Customer Name:</b> Vanguard Caribe	<b>Project Name:</b> Centro Minillas North Tower, San Juan
<b>Contact:</b> Hector Oquendo	
<b>Phone / Fax/Email:</b> 939-630-4370   proyectominillas1@yahoo.com	<b>Total Samples:</b> 15 <b>Altol Job Number:</b> ENJ-416
<b>Sampling Date:</b> Feb-11-13 <b>Analytical Method:</b> NIOSH 7400	
<b>Collected By:</b> David J. Meléndez	<b>Collected ID:</b> ASB-0510-0284-MS
<b>Delivery By:</b> David J. Meléndez	<b>Delivery Date:</b> Feb-11-13
<b>Received By:</b> David J. Meléndez	<b>Received Date:</b> Feb-11-13
<b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b>	<b>AIHA Lab ID:</b> 199763
<b>Worker Name:</b> Carlos Santiago	<b>Worker ID:</b> 3142
<b>Worker Name:</b> Jose Perez	<b>Worker ID:</b> 0897
<b>Worker Name:</b> Axel Rodriguez	<b>Worker ID:</b> 4510
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A
<b>Worker Name:</b> N/A	<b>Worker ID:</b> N/A

**Project Description:** General Final Cleaning At Floor 12 & 13

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021113-A-15	Outside Working Area, Decon Clean Room At Floor G	OS	12:55	15:09	1.75	235	100	0.5	0.6	0.001	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b> 	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone: 787-430-6145</b>	
<b>Date:</b> Feb-12-13		



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**Project Description:** General Cleaning At Floor P & Cleaning And Rem Accoustics Ceiling Tiles At Floor 2

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021313-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
416-021313-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
416-021313-A-03	Carlos Santiago, General Cleaning At Floor P	E	7:05	7:35	1.6	48	100	0	0.0	0.000	0.056	< 0.056	
416-021313-A-04	Carlos Santiago, General Cleaning At Floor P	PR-CE	7:35	11:48	1.6	405	100	4	5.1	0.005	0.007	< 0.007	0.007
416-021313-A-05	Carlos Santiago, General Cleaning At Floor P	PR-CE	13:04	14:50	1.6	170	100	1.5	1.9	0.004	0.016	< 0.016	
416-021313-A-06	Luis Echevarría, General Cleaning At Floor P	PR-CE	7:09	11:50	1.6	450	100	0.5	0.6	0.001	0.006	< 0.006	0.007
416-021313-A-07	Luis Echevarría, General Cleaning At Floor P	PR-CE	13:04	14:53	1.6	174	100	2	2.5	0.006	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>	David J. Meléndez Tecnico Ambiental <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145
<b>Analyzed Date:</b>	





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<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:provectominillas1@yahoo.com">provectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-13-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Carlos Santiago <b>Worker Name:</b> Luis Echevarría <b>Worker Name:</b> Luis Quiñones <b>Worker Name:</b> Justo Cintron <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-13-13 <b>Received Date:</b> Feb-13-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 3142 <b>Worker ID:</b> 6463 <b>Worker ID:</b> 2904 <b>Worker ID:</b> 6563 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor P & Cleaning And Rem Accoustics Ceiling Tiles At Floor 2

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021313-A-08	Luis Quiñones, Cleaning And Rem Accoustic Ceiling Tiles At Floor 2	PR-CE	7:14	11:56	1.60	451	100	6	7.6	0.007	0.006	0.007	0.0073
416-021313-A-09	Luis Quiñones, Cleaning And Rem Accoustic Ceiling Tiles At Floor 2	PR-CE	13:10	14:57	1.60	171	100	0.5	0.6	0.001	0.016	< 0.016	
416-021313-A-10	Justo Cintron, Cleaning And Rem Accoustic Ceiling Tiles At Floor 2	PR-CE	7:14	11:56	1.60	451	100	14.5	18.5	0.016	0.006	0.016	< 0.0144
416-021313-A-11	Justo Cintron, Cleaning And Rem Accoustic Ceiling Tiles At Floor 2	PR-CE	13:11	14:57	1.60	170	100	8	10.2	0.023	0.016	0.023	
416-021313-A-12	Inside Working Area, General Cleaning At Floor P	CE	7:03	11:53	2.00	580	100	1.5	1.9	0.001	0.005	< 0.005	
416-021313-A-13	Inside Working Area, General Cleaning At Floor P	CE	13:05	14:49	1.95	203	100	7	8.9	0.017	0.013	0.017	
416-021313-A-14	Inside Working Area, Cleaning And Rem Accoustic Ceiling Tiles At Floor 2	CE	7:10	12:00	2.00	580	100	7.5	9.6	0.006	0.005	0.006	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T= Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

**Reported By:** David J. Meléndez  
 Tecnico Ambiental  
[david.melendez@altolenterprises.com](mailto:david.melendez@altolenterprises.com)  
 Phone: 787-430-6145

**Analyzed Date:**



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<b>Project Description:</b> General Cleaning At Floor P & Cleaning And Rem Accoustics Ceiling Tiles At Floor 2													
Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021313-A-15	Inside Working Area, Cleaning And Rem Accoustic Ceiling Tiles At Floor 2	CE	13:11	14:57	1.95	207	100	5	6.4	0.012	0.013	0.013	
416-021313-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:00	12:06	2.00	612	100	1	1.3	0.001	0.004	0.004	
416-021313-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:00	1.75	210	100	2	2.5	0.005	0.013	0.013	
MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.													
<b>Reported By:</b>		David J. Meléndez Tecnico Ambiental <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> Phone: 787-430-6145											
<b>Analyzed Date:</b>													



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**Project Description:** General Cleaning At Floor P & Cleaning And Rem Air Ducts At Floor 2

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021413-A-01	Field Blank I	FB	----	----	----	---	100	0	0.0	----	----	----	
416-021413-A-02	Field Blank II	FB	----	----	----	---	100	0	0.0	----	----	----	
416-021413-A-03	Felix Rivera, General Cleaning At Floor P	E	7:16	7:46	1.6	48	100	0	0.0	0.000	0.056	< 0.056	0.056
416-021413-A-04	Felix Rivera, General Cleaning At Floor P	PR-CE	7:46	11:56	1.6	400	100	0.5	0.6	0.001	0.007	< 0.007	0.007
416-021413-A-05	Felix Rivera, General Cleaning At Floor P	PR-CE	13:01	14:48	1.6	171	100	2.5	3.2	0.007	0.016	< 0.016	
416-021413-A-06	Alexis Rodriguez, General Cleaning At Floor P	PR-CE	7:16	11:56	1.6	448	100	0	0.0	0.000	0.006	< 0.006	0.007
416-021413-A-07	Alexis Rodriguez, General Cleaning At Floor P	PR-CE	13:01	14:50	1.6	174	100	1	1.3	0.003	0.015	< 0.015	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Feb-15-2013	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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**Project Description:** General Cleaning At Floor P & Cleaning And Rem Air Ducts At Floor 2

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021413-A-08	Eligio Ortiz, Cleaning And Rem Air Ducts At Floor 2	PR-CE	7:30	12:04	1.60	438	100	9	11.5	0.010	0.006	0.010	0.0112
416-021413-A-09	Eligio Ortiz, Cleaning And Rem Air Ducts At Floor 2	PR-CE	13:07	14:45	1.60	157	100	8.5	10.8	0.027	0.017	0.027	
416-021413-A-10	Felix Velazquez, Cleaning And Rem Air Ducts At Floor 2	PR-CE	7:32	12:03	1.60	434	100	4	5.1	0.005	0.006	< 0.006	0.0073
416-021413-A-11	Felix Velazquez, Cleaning And Rem Air Ducts At Floor 2	PR-CE	13:10	14:45	1.60	152	100	6	7.6	0.019	0.018	0.019	
416-021413-A-12	Inside Working Area, General Cleaning At Floor P	CE	7:15	11:58	2.00	566	100	0	0.0	0.000	0.005	< 0.005	
416-021413-A-13	Inside Working Area, General Cleaning At Floor P	CE	13:01	14:51	1.95	215	100	0.5	0.6	0.001	0.013	0.013	
416-021413-A-14	Inside Working Area, Cleaning And Rem Air Ducts At Floor 2	CE	7:30	12:03	2.00	546	100	5	6.4	0.004	0.005	0.005	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal  
 T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL = Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Feb-15-2013	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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**FINAL DAILY PCM AIR MONITORING REPORT FOR FIELD ANALYSIS**  
**SAMPLING PERFORMED BY ALTOL ENVIRONMENTAL**



<b>Customer Name:</b> Vanguard Caribe <b>Contact:</b> Hector Oquendo <b>Phone / Fax/Email:</b> 939-630-4370 <a href="mailto:proyectominillas1@yahoo.com">proyectominillas1@yahoo.com</a> <b>Sampling Date:</b> Feb-14-13 <b>Analytical Method:</b> NIOSH 7400 <b>Collected By:</b> David J. Meléndez <b>Delivery By:</b> David J. Meléndez <b>Received By:</b> David J. Meléndez <b>Analyzed By:</b> David J. Meléndez <b>Altol Chemical Environmental Laboratory, Inc.</b> <b>Worker Name:</b> Felix Rivera <b>Worker Name:</b> Alexis Rodriguez <b>Worker Name:</b> Eligio Ortiz <b>Worker Name:</b> Felix Velazquez <b>Worker Name:</b> N/A <b>Worker Name:</b> N/A	<b>Project Name:</b> Centro Minillas North Tower, San Juan <b>Total Samples:</b> 17 <b>Altol Job Number:</b> ENJ-416 <b>Collected ID:</b> ASB-0510-0284-MS <b>Delivery Date:</b> Feb-14-13 <b>Received Date:</b> Feb-14-13 <b>AIHA Lab ID:</b> 199763 <b>Worker ID:</b> 9476 <b>Worker ID:</b> 8792 <b>Worker ID:</b> 5737 <b>Worker ID:</b> 5242 <b>Worker ID:</b> N/A <b>Worker ID:</b> N/A
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**Project Description:** General Cleaning At Floor P & Cleaning And Rem Air Ducts At Floor 2

Sample ID	Location	Type	TIME		FLOW RATE (LPM)	SAMPLE VOLUME (Liters)	TOTAL FIELDS Counted	TOTAL FIBERS Counted	FIBER DENSITY (f/mm2)	M.F.C (f/cc)	L.O.D (f/cc)	R.F.C (f/cc)	T.W.A 8hrs (f/cc)
			START	STOP									
416-021413-A-15	Inside Working Area, Cleaning And Rem Air Ducts At Floor 2	CE	13:08	14:42	1.90	179	100	2	2.5	0.005	0.015	0.015	
416-021413-A-16	Outside Working Area, Decon Clean Room At Floor G	OS	7:11	12:12	2.00	602	100	1.5	1.9	0.001	0.004	0.004	
416-021413-A-17	Outside Working Area, Decon Clean Room At Floor G	OS	13:00	15:00	1.90	228	100	0	0.0	0.000	0.012	0.012	

MFC = Measured Fibers Concentration. LOD = Limit of Detection. RFC = Reported Fibers Concentration. T.W.A = Time Weighted Average. PR = Personal T = Type of Sample. BG = Background. EX = Exposure. OS = Outside. PP = Preparation. RM = Removal. CE = Cleaning. CL= Clearance. E = Excursion.

<b>Reported By:</b>  <b>Date:</b> Feb-15-2013	<b>David J. Meléndez</b> <b>Tecnico Ambiental</b> <a href="mailto:david.melendez@altolenterprises.com">david.melendez@altolenterprises.com</a> <b>Phone:</b> 787-430-6145	
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# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/18/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
RA-130218-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130218-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130218-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 475.0	950.0	0.00	100	8.5	10.8	0.004	0.003	0.004	
RA-130218-AN04	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	RM	2.00 437.0	874.0	0.00	100	31.0	39.5	0.017	0.003	0.017	
RA-130218-AN05	Luis Lugo ASB-1112-0657-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 260.0	520.0	0.00	100	38.5	49.0	0.036	0.005	0.036	0.027
RA-130218-AN06	Carlos Ferrer ASB-1212-0726-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	EL	2.00 34.0	68.0	0.00	100	3.5	4.5	0.025	0.040	<0.04	0.017

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 14

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/18/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/18/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/19/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/19/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/18/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectorminillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/18/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130218-AN07	Work Area Sample Centro Minillas, North Tower, 2nd Floor, Enclosure Central Area	RM	2.00	874.0	0.00	100	30.5	38.9	0.017	0.003	0.017	
			437.0									
RA-130218-AN08	Pedro Pacheco ASB-1112-0666-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	504.0	0.00	100	19.5	24.8	0.019	0.005	0.019	0.019
			252.0									
RA-130218-AN09	Dwayne Rivera ASB-0512-0341-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	504.0	0.00	100	24.5	31.2	0.024	0.005	0.024	0.018
			252.0									
RA-130218-AN10	Carlos Ferrer ASB-1212-0726-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00	448.0	0.00	100	13.0	16.6	0.014	0.006	0.014	0.017
			224.0									
RA-130218-AN11	Luis Lugo ASB-1112-0657-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00	226.0	0.00	100	14.5	18.5	0.031	0.012	0.031	0.027
			113.0									
RA-130218-AN12	Carlos Ferrer ASB-1212-0726-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00	220.0	0.00	100	15.5	19.7	0.035	0.012	0.035	0.017
			110.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 14

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/18/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/18/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/19/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/19/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/18/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/19/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130219-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130219-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130219-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 490.0	980.0	0.00	100	11.0	14.0	0.006	0.003	0.006	
RA-130219-AN04	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	RM	2.00 473.0	946.0	0.00	100	27.5	35.0	0.014	0.003	0.014	
RA-130219-AN05	Work Area Sample Centro Minillas, North Tower, 2nd Floor, Enclosure Central Area	RM	2.00 468.0	936.0	0.00	100	20.5	26.1	0.011	0.003	0.011	
RA-130219-AN06	Daniel Figueroa ASB-1112-0661-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	EL	2.00 31.0	62.0	0.00	100	12.0	15.3	0.095	0.044	0.095	0.027

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit  
M.F.C.--Measured Fiber Concentration R.F.C.--Reported Fiber Concentration L.O.D.--Limit of Detection T.W.A.--Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/19/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/20/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/20/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/20/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/19/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/19/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>3</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130219-AN07	Roberto Torres ASB-1112-0649-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 273.0	546.0	0.00	100	24.5	31.2	0.022	0.005	0.022	0.018
RA-130219-AN08	Pedro Hernandez ASB-0612-0400-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 273.0	546.0	0.00	100	13.5	17.2	0.012	0.005	0.012	0.013
RA-130219-AN09	Felix Velazquez ASB-1112-0648-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 274.0	548.0	0.00	100	30.5	38.9	0.027	0.005	0.027	0.020
RA-130219-AN10	Eliezer Lopez ASB-0512-0340-AW, HF Centro Minillas, North Tower, Ground Floor, Bagout Procedure	PR	2.00 276.0	552.0	0.00	100	23.5	29.9	0.021	0.005	0.021	0.018
RA-130219-AN11	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 427.0	854.0	0.00	100	14.5	18.5	0.008	0.003	0.008	
RA-130219-AN12	Daniel Figueroa ASB-1112-0661-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 247.0	494.0	0.00	100	25.5	32.5	0.025	0.005	0.025	0.027

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

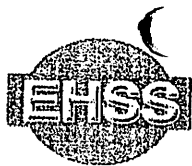
M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/19/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/20/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/20/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/20/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/19/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/19/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>3</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130219-AN13	Daniel Figueroa ASB-1112-0661-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00	210.0	0.00	100	15.5	19.7	0.036	0.013	0.036	0.027
			105.0									
RA-130219-AN14	Roberto Torres ASB-1112-0649-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00	220.0	0.00	100	10.5	13.4	0.023	0.012	0.023	0.018
			110.0									
RA-130219-AN15	Pedro Hernandez ASB-0612-0400-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	212.0	0.00	100	11.5	14.6	0.027	0.013	0.027	0.013
			106.0									
RA-130219-AN16	Felix Velazquez ASB-1112-0648-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	208.0	0.00	100	8.5	10.8	0.020	0.013	0.020	0.020
			104.0									
RA-130219-AN17	Eliezer Lopez ASB-0512-0340-AW, HF Centro Minillas, North Tower, Ground Floor, Bagout Procedure	PR	2.00	204.0	0.00	100	12.0	15.3	0.029	0.013	0.029	0.018
			102.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/19/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/20/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/20/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/20/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/19/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/20/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
RA-130220-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130220-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130220-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 474.0	948.0	0.00	100	9.5	12.1	0.005	0.003	0.005	
RA-130220-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 460.0	920.0	0.00	100	14.5	18.5	0.008	0.003	0.008	
RA-130220-AN05	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	EL	2.00 30.0	60.0	0.00	100	10.5	13.4	0.086	0.045	0.086	0.018
RA-130220-AN06	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 273.0	546.0	0.00	100	15.5	19.7	0.014	0.005	0.014	0.012

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/20/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/21/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/21/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/21/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/21/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/20/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
RA-130220-AN07	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 272.0	544.0	0.00	100	13.5	17.2	0.012	0.005	0.012	0.010
RA-130220-AN08	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 270.0	540.0	0.00	100	21.5	27.4	0.020	0.005	0.020	0.016
RA-130220-AN09	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 270.0	540.0	0.00	100	16.5	21.0	0.015	0.005	0.015	0.014
RA-130220-AN10	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	RM	2.00 443.0	886.0	0.00	100	23.5	29.9	0.013	0.003	0.013	
RA-130220-AN11	Work Area Sample Centro Minillas, North Tower, 2nd Floor, Enclosure Central Area	RM	2.00 441.0	882.0	0.00	100	28.0	35.7	0.016	0.003	0.016	
RA-130220-AN12	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 249.0	498.0	0.00	100	18.5	23.6	0.018	0.005	0.018	0.018

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/20/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/21/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/21/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/21/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/21/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/20/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130220-AN13	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 99.0	198.0	0.00	100	8.5	10.8	0.021	0.014	0.021	0.018
RA-130220-AN14	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 113.0	226.0	0.00	100	8.0	10.2	0.017	0.012	0.017	0.012
RA-130220-AN15	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 113.0	226.0	0.00	100	7.0	8.9	0.015	0.012	0.015	0.010
RA-130220-AN16	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 114.0	228.0	0.00	100	9.0	11.5	0.019	0.012	0.019	0.016
RA-130220-AN17	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 114.0	228.0	0.00	100	11.5	14.6	0.025	0.012	0.025	0.014

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/20/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/21/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/21/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/21/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/21/13	Comments:	Method of Delivery: Person to Person & E-Mail: proectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/21/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/m <sup>3</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130221-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130221-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130221-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 465.0	930.0	0.00	100	6.0	7.6	0.003	0.003	0.003	
RA-130221-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 458.0	916.0	0.00	100	31.0	39.5	0.017	0.003	0.017	
RA-130221-AN05	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	CE	2.00 455.0	910.0	0.00	100	14.5	18.5	0.008	0.003	0.008	
RA-130221-AN06	Work Area Sample Centro Minillas, North Tower, 2nd Floor, Enclosure Central Area	CE	2.00 457.0	914.0	0.00	100	37.5	47.8	0.020	0.003	0.020	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/21/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/22/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/22/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/22/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/22/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/21/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130221-AN07	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	EL	2.00 30.0	60.0	0.00	100	9.5	12.1	0.078	0.045	0.078	0.017
RA-130221-AN08	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 269.0	538.0	0.00	100	16.0	20.4	0.015	0.005	0.015	0.016
RA-130221-AN09	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 269.0	538.0	0.00	100	13.5	17.2	0.012	0.005	0.012	0.010
RA-130221-AN10	Kelvin A. Colon, ASB-1112-0660-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 269.0	538.0	0.00	100	11.5	14.6	0.010	0.005	0.010	0.011
RA-130221-AN11	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 269.0	538.0	0.00	100	17.5	22.3	0.016	0.005	0.016	0.013
RA-130221-AN12	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 244.0	488.0	0.00	100	12.5	15.9	0.013	0.006	0.013	0.017

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/21/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/22/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/22/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/22/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/22/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/21/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130221-AN13	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 119.0	238.0	0.00	100	10.5	13.4	0.022	0.011	0.022	0.017
RA-130221-AN14	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 119.0	238.0	0.00	100	14.0	17.8	0.029	0.011	0.029	0.016
RA-130221-AN15	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 119.0	238.0	0.00	100	7.5	9.6	0.015	0.011	0.015	0.010
RA-130221-AN16	Kelvin A. Colon, ASB-1112-0660-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 119.0	238.0	0.00	100	9.5	12.1	0.020	0.011	0.020	0.011
RA-130221-AN17	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 119.0	238.0	0.00	100	8.5	10.8	0.018	0.011	0.018	0.013

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/21/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/22/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/22/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/22/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/22/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/22/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID												
RA-130222-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130222-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130222-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 462.0	924.0	0.00	100	11.5	14.6	0.006	0.003	0.006	
RA-130222-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 452.0	904.0	0.00	100	18.0	22.9	0.010	0.003	0.010	
RA-130222-AN05	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	CE	2.00 458.0	916.0	0.00	100	49.5	63.1	0.027	0.003	0.027	
RA-130222-AN06	Work Area Sample Centro Minillas, North Tower, 2nd Floor, Enclosure Central Area	CE	2.00 455.0	910.0	0.00	100	17.5	22.3	0.009	0.003	0.009	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/22/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/25/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/25/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/25/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/25/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/22/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130222-AN07	Felix Velazquez, ASB-1112-0648-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	EL	2.00	60.0	0.00	100	9.0	11.5	0.074	0.045	0.074	0.011
			30.0									
RA-130222-AN08	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	540.0	0.00	100	14.5	18.5	0.013	0.005	0.013	0.021
			270.0									
RA-130222-AN09	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	540.0	0.00	100	19.5	24.8	0.018	0.005	0.018	0.011
			270.0									
RA-130222-AN10	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	540.0	0.00	100	15.5	19.7	0.014	0.005	0.014	0.019
			270.0									
RA-130222-AN11	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	540.0	0.00	100	24.5	31.2	0.022	0.005	0.022	0.016
			270.0									
RA-130222-AN12	Felix Velazquez, ASB-1112-0648-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	490.0	0.00	100	19.0	24.2	0.019	0.006	0.019	0.011
			245.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/22/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/25/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/25/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/25/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/25/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/22/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130222-AN13	Felix Velazquez, ASB-1112-0648-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 119.0	238.0	0.00	100	12.5	15.9	0.026	0.011	0.026	0.011
RA-130222-AN14	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 119.0	238.0	0.00	100	20.5	26.1	0.042	0.011	0.042	0.021
RA-130222-AN15	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 119.0	238.0	0.00	100	4.5	5.7	0.009	0.011	<0.011	0.011
RA-130222-AN16	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 119.0	238.0	0.00	100	12.5	15.9	0.026	0.011	0.026	0.019
RA-130222-AN17	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 119.0	238.0	0.00	100	10.6	13.4	0.022	0.011	0.022	0.016

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/22/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/25/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/25/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/25/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/25/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/25/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
RA-130225-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130225-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130225-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 476.0	952.0	0.00	100	7.5	9.6	0.004	0.003	0.004	
RA-130225-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 473.0	946.0	0.00	100	15.5	19.7	0.008	0.003	0.008	
RA-130225-AN05	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	CE	2.00 475.0	950.0	0.00	100	23.0	29.3	0.012	0.003	0.012	
RA-130225-AN06	Work Area Sample Centro Minillas, North Tower, 2nd Floor, Enclosure Central Area	CE	2.00 472.0	944.0	0.00	100	30.5	38.9	0.016	0.003	0.016	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.--Measured Fiber Concentration R.F.C.--Reported Fiber Concentration L.O.D.--Limit of Detection T.W.A.--Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/25/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/26/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/26/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/26/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/26/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/25/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130225-AN07	Roberto A. Torres, ASB-1112-0649-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 267.0	534.0	0.00	100	15.5	19.7	0.014	0.005	0.014	0.012
RA-130225-AN08	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	EL	2.00 30.0	60.0	0.00	100	4.5	5.7	0.037	0.045	<0.045	0.021
RA-130225-AN09	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 266.0	532.0	0.00	100	6.5	8.3	0.006	0.005	0.006	0.009
RA-130225-AN10	Kelvin A. Colon, ASB-1112-0660-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 266.0	532.0	0.00	100	8.5	10.8	0.008	0.005	0.008	0.009
RA-130225-AN11	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 266.0	532.0	0.00	100	16.5	21.0	0.015	0.005	0.015	0.012
RA-130225-AN12	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 240.0	480.0	0.00	100	26.5	33.8	0.027	0.006	0.027	0.021

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/25/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/26/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/26/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/26/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/26/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/25/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130225-AN13	Roberto A. Torres, ASB-1112-0649-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	224.0	0.00	100	8.5	10.8	0.019	0.012	0.019	0.012
			112.0									
RA-130225-AN14	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	226.0	0.00	100	9.5	12.1	0.021	0.012	0.021	0.021
			113.0									
RA-130225-AN15	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	222.0	0.00	100	10.5	13.4	0.023	0.012	0.023	0.009
			111.0									
RA-130225-AN16	Kelvin A. Colon, ASB-1112-0660-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	226.0	0.00	100	8.5	10.8	0.018	0.012	0.018	0.009
			113.0									
RA-130225-AN17	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00	222.0	0.00	100	7.0	8.9	0.015	0.012	0.015	0.012
			111.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/25/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/26/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/26/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/26/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/26/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/26/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130226-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130226-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130226-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 474.0	948.0	0.00	100	6.5	8.3	0.003	0.003	0.003	
RA-130226-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 471.0	942.0	0.00	100	8.5	10.8	0.004	0.003	0.004	
RA-130226-AN05	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	CE	2.00 463.0	926.0	0.00	100	20.0	25.5	0.011	0.003	0.011	
RA-130226-AN06	Work Area Sample Centro Minillas, North Tower, 2nd Floor, Enclosure Central Area	CE	2.00 462.0	924.0	0.00	100	24.0	30.6	0.013	0.003	0.013	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/26/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/27/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/27/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/27/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/27/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/26/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>3</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130226-AN07	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 282.0	564.0	0.00	100	16.5	21.0	0.014	0.005	0.014	0.011
RA-130226-AN08	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 282.0	564.0	0.00	100	20.5	26.1	0.018	0.005	0.018	0.018
RA-130226-AN09	Pedro J. Pacheco, ASB-1112-0666-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 282.0	564.0	0.00	100	18.5	23.6	0.016	0.005	0.016	0.015
RA-130226-AN10	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	PR	2.00 282.0	564.0	0.00	100	28.5	36.3	0.025	0.005	0.025	0.023
RA-130226-AN11	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, 2nd Floor, Inside Enclosure, Cleaning of all 2nd Floor Areas	EL	2.00 30.0	60.0	0.00	100	8.5	10.8	0.069	0.045	0.069	0.016
RA-130226-AN12	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 251.0	502.0	0.00	100	12.0	15.3	0.012	0.005	0.012	0.016

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/26/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/27/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/27/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/27/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/27/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/27/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130227-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130227-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130227-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 479.0	958.0	0.00	100	8.5	10.8	0.004	0.003	0.004	
RA-130227-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 476.0	952.0	0.00	100	20.0	25.5	0.010	0.003	0.010	
RA-130227-AN05	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 465.0	930.0	0.00	100	59.0	75.2	0.031	0.003	0.031	
RA-130227-AN06	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	CE	2.00 463.0	926.0	0.00	100	22.5	28.7	0.012	0.003	0.012	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/27/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/28/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/28/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/28/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/28/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/27/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>3</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130227-AN07	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 271.0	542.0	0.00	100	30.0	38.2	0.027	0.005	0.027	0.020
RA-130227-AN08	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 271.0	542.0	0.00	100	26.5	33.8	0.024	0.005	0.024	0.020
RA-130227-AN09	Luis E. Perez, ASB-1112-0656-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 271.0	542.0	0.00	100	35.5	45.2	0.032	0.005	0.032	0.018
RA-130227-AN10	Eliezer Lopez, ASB-0512-0340-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 271.0	542.0	0.00	100	42.5	54.1	0.038	0.005	0.038	0.030
RA-130227-AN11	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	EL	2.00 30.0	60.0	0.00	100	7.5	9.6	0.061	0.045	0.061	0.014
RA-130227-AN12	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 241.0	482.0	0.00	100	21.0	26.8	0.021	0.006	0.021	0.014

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/27/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/28/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/28/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/28/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/28/13	Comments:	Method of Delivery: Person to Person & E-Mail: proectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/27/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130227-AN13	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00	216.0	0.00	100	8.5	10.8	0.019	0.012	0.019	0.020
			108.0									
RA-130227-AN14	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00	216.0	0.00	100	12.0	15.3	0.027	0.012	0.027	0.020
			108.0									
RA-130227-AN15	Luis E. Perez, ASB-1112-0656-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	216.0	0.00	100	19.0	24.2	0.043	0.012	0.043	0.018
			108.0									
RA-130227-AN16	Eliezer Lopez, ASB-0512-0340-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	216.0	0.00	100	16.0	20.4	0.036	0.012	0.036	0.030
			108.0									
RA-130227-AN17	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	216.0	0.00	100	8.5	10.8	0.019	0.012	0.019	0.014
			108.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/27/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	02/28/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	02/28/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	02/28/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	02/28/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectorminillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/28/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130228-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130228-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130228-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 484.0	968.0	0.00	100	9.5	12.1	0.005	0.003	0.005	
RA-130228-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 421.0	842.0	0.00	100	37.0	47.1	0.022	0.003	0.022	
RA-130228-AN05	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 455.0	910.0	0.00	100	46.0	58.6	0.025	0.003	0.025	
RA-130228-AN06	Work Area Sample Centro Minillas, North Tower, 3rd Floor, Enclosure Central Area	CE	2.00 454.0	908.0	0.00	100	13.0	16.6	0.007	0.003	0.007	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/28/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/01/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/01/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/01/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/01/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuellas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/28/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130228-AN07	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 267.0	534.0	0.00	100	36.0	45.9	0.033	0.005	0.033	0.022
RA-130228-AN08	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 265.0	530.0	0.00	100	17.5	22.3	0.016	0.005	0.016	0.013
RA-130228-AN09	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 268.0	536.0	0.00	100	49.0	62.4	0.045	0.005	0.045	0.033
RA-130228-AN10	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	EL	2.00 30.0	60.0	0.00	100	7.0	8.9	0.057	0.045	0.057	0.022
RA-130228-AN11	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 270.0	540.0	0.00	100	22.0	28.0	0.020	0.005	0.020	0.018
RA-130228-AN12	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 238.0	476.0	0.00	100	24.5	31.2	0.025	0.006	0.025	0.022

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/28/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/01/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/01/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/01/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/01/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 02/28/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130228-AN13	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 112.0	224.0	0.00	100	6.5	8.3	0.014	0.012	0.014	0.022
RA-130228-AN14	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 3rd Floor, Inside Enclosure, Cleaning of all 3rd Floor Areas	PR	2.00 112.0	224.0	0.00	100	8.5	10.8	0.019	0.012	0.019	0.013
RA-130228-AN15	Luis A. Quifonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 112.0	224.0	0.00	100	14.5	18.5	0.032	0.012	0.032	0.033
RA-130228-AN16	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 112.0	224.0	0.00	100	11.5	14.6	0.025	0.012	0.025	0.022
RA-130228-AN17	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 112.0	224.0	0.00	100	14.0	17.8	0.031	0.012	0.031	0.018

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	02/28/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/01/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/01/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/01/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/01/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/01/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130301-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130301-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130301-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 482.0	964.0	0.00	100	10.0	12.7	0.005	0.003	0.005	
RA-130301-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 468.0	936.0	0.00	100	33.5	42.7	0.018	0.003	0.018	
RA-130301-AN05	Work Area Sample Centro Minillas, North Tower, 5th Floor, Enclosure Central Area	CE	2.00 457.0	914.0	0.00	100	24.5	31.2	0.013	0.003	0.013	
RA-130301-AN06	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 454.0	908.0	0.00	100	20.5	26.1	0.011	0.003	0.011	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/01/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/02/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/02/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/02/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/02/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/01/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130301-AN07	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 243.0	486.0	0.00	100	29.5	37.6	0.030	0.006	0.030	0.030
RA-130301-AN08	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 241.0	482.0	0.00	100	13.0	16.6	0.013	0.006	0.013	0.018
RA-130301-AN09	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 267.0	534.0	0.00	100	41.5	52.9	0.038	0.005	0.038	0.031
RA-130301-AN10	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	EL	2.00 30.0	60.0	0.00	100	7.0	8.9	0.057	0.045	0.057	0.018
RA-130301-AN11	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 264.0	528.0	0.00	100	19.5	24.8	0.018	0.005	0.018	0.021
RA-130301-AN12	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 207.0	414.0	0.00	100	18.5	23.6	0.022	0.007	0.022	0.018

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/01/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/02/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/02/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/02/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/02/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/01/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130301-AN13	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 139.0	278.0	0.00	100	28.5	36.3	0.050	0.010	0.050	0.030
RA-130301-AN14	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 139.0	278.0	0.00	100	22.0	28.0	0.039	0.010	0.039	0.018
RA-130301-AN15	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 139.0	278.0	0.00	100	19.5	24.8	0.034	0.010	0.034	0.031
RA-130301-AN16	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 111.0	222.0	0.00	100	10.5	13.4	0.023	0.012	0.023	0.018
RA-130301-AN17	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 106.0	212.0	0.00	100	22.5	28.7	0.052	0.013	0.052	0.021

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/01/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/02/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/02/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/02/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/02/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 2

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/02/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130302-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130302-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130302-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 353.0	706.0	0.00	100	6.5	8.3	0.005	0.004	0.005	
RA-130302-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 353.0	706.0	0.00	100	24.5	31.2	0.017	0.004	0.017	
RA-130302-AN05	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 343.0	686.0	0.00	100	32.0	40.8	0.023	0.004	0.023	
RA-130302-AN06	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	EL	2.00 30.0	60.0	0.00	100	9.0	11.5	0.074	0.045	0.074	0.021

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 10

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/02/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/04/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/04/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/04/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/04/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 2

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/02/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130302-AN07	Eliezer Lopez, ASB-0512-0340-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 330.0	660.0	0.00	100	37.5	47.8	0.028	0.004	0.028	0.019
RA-130302-AN08	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 330.0	660.0	0.00	100	57.5	73.2	0.043	0.004	0.043	0.030
RA-130302-AN09	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 330.0	660.0	0.00	100	19.0	24.2	0.014	0.004	0.014	0.010
RA-130302-AN10	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 304.0	608.0	0.00	100	31.5	40.1	0.025	0.004	0.025	0.021

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 10

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/02/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/04/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/04/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/04/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/04/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/04/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130304-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130304-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130304-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 482.0	964.0	0.00	100	13.5	17.2	0.007	0.003	0.007	
RA-130304-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 476.0	952.0	0.00	100	43.0	54.8	0.022	0.003	0.022	
RA-130304-AN05	Work Area Sample Centro Minillas, North Tower, 5th Floor, Enclosure Central Area	CE	2.00 463.0	926.0	0.00	100	60.5	77.1	0.032	0.003	0.032	
RA-130304-AN06	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 462.0	924.0	0.00	100	17.0	21.7	0.009	0.003	0.009	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.--Measured Fiber Concentration R.F.C.--Reported Fiber Concentration L.O.D.--Limit of Detection T.W.A.--Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/04/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/05/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/05/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/05/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/05/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/04/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130304-AN07	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	EL	2.00 30.0	60.0	0.00	100	6.0	7.6	0.049	0.045	0.049	0.025
RA-130304-AN08	Roberto A. Torres, ASB-1112-0649-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 281.0	562.0	0.00	100	14.0	17.8	0.012	0.005	0.012	0.017
RA-130304-AN09	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 258.0	516.0	0.00	100	26.0	33.1	0.025	0.005	0.025	0.021
RA-130304-AN10	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 278.0	556.0	0.00	100	38.0	48.4	0.034	0.005	0.034	0.025
RA-130304-AN11	Luis E. Perez, ASB-1112-0656-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 255.0	510.0	0.00	100	18.5	23.6	0.018	0.005	0.018	0.018
RA-130304-AN12	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 234.0	468.0	0.00	100	13.5	17.2	0.014	0.006	0.014	0.025

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/04/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/05/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/05/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/05/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/05/13	Comments:	Method of Delivery: Person to Person & E-Mail: projectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/04/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130304-AN13	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 135.0	270.0	0.00	100	28.5	36.3	0.052	0.010	0.052	0.025
RA-130304-AN14	Roberto A. Torres, ASB-1112-0649-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 114.0	228.0	0.00	100	20.0	25.5	0.043	0.012	0.043	0.017
RA-130304-AN15	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 116.0	232.0	0.00	100	15.5	19.7	0.033	0.012	0.033	0.021
RA-130304-AN16	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 144.0	288.0	0.00	100	11.0	14.0	0.019	0.009	0.019	0.025
RA-130304-AN17	Luis E. Perez, ASB-1112-0656-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 137.0	274.0	0.00	100	19.5	24.8	0.035	0.010	0.035	0.018

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/04/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/05/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/05/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/05/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/05/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/05/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130305-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130305-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130305-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 467.0	934.0	0.00	100	3.5	4.5	0.002	0.003	<0.003	
RA-130305-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 462.0	924.0	0.00	100	55.5	70.7	0.029	0.003	0.029	
RA-130305-AN05	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 455.0	910.0	0.00	100	41.5	52.9	0.022	0.003	0.022	
RA-130305-AN06	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 453.0	906.0	0.00	100	67.0	85.4	0.036	0.003	0.036	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/05/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/06/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/06/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/06/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/06/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/05/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130305-AN07	Pedro J. Pacheco, ASB-1112-0666-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	EL	2.00	60.0	0.00	100	7.0	8.9	0.057	0.045	0.057	0.035
			30.0									
RA-130305-AN08	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00	548.0	0.00	100	67.0	85.4	0.060	0.005	0.060	0.040
			274.0									
RA-130305-AN09	Luis A. Quifonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	492.0	0.00	100	23.5	29.9	0.023	0.005	0.023	0.031
			246.0									
RA-130305-AN10	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	546.0	0.00	100	39.5	50.3	0.035	0.005	0.035	0.025
			273.0									
RA-130305-AN11	Eligio Ortiz, ASB-0212-0117AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	490.0	0.00	100	27.0	34.4	0.027	0.006	0.027	0.024
			245.0									
RA-130305-AN12	Pedro J. Pacheco, ASB-1112-0666-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00	494.0	0.00	100	45.0	57.3	0.045	0.005	0.045	0.035
			247.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/05/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/06/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/06/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/06/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/06/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/05/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130305-AN13	Pedro J. Pacheco, ASB-1112-0666-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 151.0	302.0	0.00	100	16.5	21.0	0.027	0.009	0.027	0.035
RA-130305-AN14	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 121.0	242.0	0.00	100	11.0	14.0	0.022	0.011	0.022	0.040
RA-130305-AN15	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 151.0	302.0	0.00	100	37.5	47.8	0.061	0.009	0.061	0.031
RA-130305-AN16	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 122.0	244.0	0.00	100	9.5	12.1	0.019	0.011	0.019	0.025
RA-130305-AN17	Eligio Ortiz, ASB-0212-0117AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 122.0	244.0	0.00	100	21.0	26.8	0.042	0.011	0.042	0.024

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.--Measured Fiber Concentration R.F.C.--Reported Fiber Concentration L.O.D.--Limit of Detection T.W.A.--Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/05/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/06/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/06/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/06/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/06/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/06/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130306-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130306-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130306-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 481.0	962.0	0.00	100	6.5	8.3	0.003	0.003	0.003	
RA-130306-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 479.0	958.0	0.00	100	21.0	26.8	0.011	0.003	0.011	
RA-130306-AN05	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 465.0	930.0	0.00	100	70.5	89.8	0.037	0.003	0.037	
RA-130306-AN06	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 465.0	930.0	0.00	100	61.0	77.7	0.032	0.003	0.032	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/06/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/07/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/07/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/07/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/07/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/06/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130306-AN07	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	EL	2.00 30.0	60.0	0.00	100	6.0	7.6	0.049	0.045	0.049	0.025
RA-130306-AN08	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 266.0	532.0	0.00	100	43.0	54.8	0.040	0.005	0.040	0.032
RA-130306-AN09	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00 268.0	536.0	0.00	100	28.0	35.7	0.026	0.005	0.026	0.022
RA-130306-AN10	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 269.0	538.0	0.00	100	12.5	15.9	0.011	0.005	0.011	0.012
RA-130306-AN11	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 271.0	542.0	0.00	100	18.5	23.6	0.017	0.005	0.017	0.014
RA-130306-AN12	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 248.0	496.0	0.00	100	31.5	40.1	0.031	0.005	0.031	0.025

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/06/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/07/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/07/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/07/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/07/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/06/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130306-AN13	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	212.0	0.00	100	12.5	15.9	0.029	0.013	0.029	0.025
			106.0									
RA-130306-AN14	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00	212.0	0.00	100	19.0	24.2	0.044	0.013	0.044	0.032
			106.0									
RA-130306-AN15	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	212.0	0.00	100	14.5	18.5	0.034	0.013	0.034	0.022
			106.0									
RA-130306-AN16	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	212.0	0.00	100	12.0	15.3	0.028	0.013	0.028	0.012
			106.0									
RA-130306-AN17	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	212.0	0.00	100	9.0	11.5	0.021	0.013	0.021	0.014
			106.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/06/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/07/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/07/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/07/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/07/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/07/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130307-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130307-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130307-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 470.0	940.0	0.00	100	8.0	10.2	0.004	0.003	0.004	
RA-130307-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 469.0	938.0	0.00	100	61.5	78.3	0.032	0.003	0.032	
RA-130307-AN05	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 455.0	910.0	0.00	100	25.5	32.5	0.014	0.003	0.014	
RA-130307-AN06	Work Area Sample Centro Minillas, North Tower, 4th Floor, Enclosure Central Area	CE	2.00 455.0	910.0	0.00	100	36.5	46.5	0.020	0.003	0.020	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/07/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/08/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/08/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/08/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/08/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/07/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130307-AN07	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	548.0	0.00	100	10.0	12.7	0.009	0.005	0.009	0.011
			274.0									
RA-130307-AN08	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00	552.0	0.00	100	24.0	30.6	0.021	0.005	0.021	0.017
			276.0									
RA-130307-AN09	Eliezer Lopez, ASB-0512-0340-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00	546.0	0.00	100	33.5	42.7	0.030	0.005	0.030	0.026
			273.0									
RA-130307-AN10	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	EL	2.00	60.0	0.00	100	6.5	8.3	0.053	0.045	0.053	0.050
			30.0									
RA-130307-AN11	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	544.0	0.00	100	52.0	66.2	0.047	0.005	0.047	0.033
			272.0									
RA-130307-AN12	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	492.0	0.00	100	66.0	84.1	0.066	0.005	0.066	0.050
			246.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/07/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/08/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/08/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/08/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/08/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/07/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130307-AN13	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	250.0	0.00	100	11.0	14.0	0.022	0.011	0.022	0.011
			125.0									
RA-130307-AN14	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00	240.0	0.00	100	9.5	12.1	0.019	0.011	0.019	0.017
			120.0									
RA-130307-AN15	Eliezer Lopez, ASB-0512-0340-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00	242.0	0.00	100	18.0	22.9	0.036	0.011	0.036	0.026
			121.0									
RA-130307-AN16	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	238.0	0.00	100	24.5	31.2	0.050	0.011	0.050	0.050
			119.0									
RA-130307-AN17	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 4th Floor Areas	PR	2.00	244.0	0.00	100	13.0	16.6	0.026	0.011	0.026	0.033
			122.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/07/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/08/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/08/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/08/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/08/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/08/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130308-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130308-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130308-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 479.0	958.0	0.00	100	11.5	14.6	0.006	0.003	0.006	
RA-130308-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 473.0	946.0	0.00	100	72.0	91.7	0.037	0.003	0.037	
RA-130308-AN05	Work Area Sample Centro Minillas, North Tower, 8th Floor, Enclosure Central Area	CE	2.00 460.0	920.0	0.00	100	43.0	54.8	0.023	0.003	0.023	
RA-130308-AN06	Work Area Sample Centro Minillas, North Tower, 7th Floor, Enclosure Central Area	CE	2.00 454.0	908.0	0.00	100	57.0	72.6	0.031	0.003	0.031	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/08/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/09/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/09/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/09/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/09/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/08/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130308-AN07	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	EL	2.00 30.0	60.0	0.00	100	5.5	7.0	0.045	0.045	0.045	0.023
RA-130308-AN08	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 267.0	534.0	0.00	100	20.5	26.1	0.019	0.005	0.019	0.017
RA-130308-AN09	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 265.0	530.0	0.00	100	87.0	110.8	0.081	0.005	0.081	0.054
RA-130308-AN10	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 263.0	526.0	0.00	100	67.0	85.4	0.062	0.005	0.062	0.042
RA-130308-AN11	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 266.0	532.0	0.00	100	61.0	77.7	0.056	0.005	0.056	0.042
RA-130308-AN12	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 241.0	482.0	0.00	100	31.5	40.1	0.032	0.006	0.032	0.023

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/08/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/09/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/09/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/09/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/09/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/08/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130308-AN13	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 99.0	198.0	0.00	100	7.5	9.6	0.019	0.014	0.019	0.023
RA-130308-AN14	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 99.0	198.0	0.00	100	13.5	17.2	0.033	0.014	0.033	0.017
RA-130308-AN15	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 99.0	198.0	0.00	100	18.0	22.9	0.045	0.014	0.045	0.054
RA-130308-AN16	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 99.0	198.0	0.00	100	15.5	19.7	0.038	0.014	0.038	0.042
RA-130308-AN17	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 99.0	198.0	0.00	100	20.5	26.1	0.051	0.014	0.051	0.042

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/08/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/09/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/09/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/09/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/09/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/09/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130309-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130309-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130309-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 306.0	612.0	0.00	100	8.5	10.8	0.007	0.004	0.007	
RA-130309-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 297.0	594.0	0.00	100	16.0	20.4	0.013	0.005	0.013	
RA-130309-AN05	Work Area Sample Centro Minillas, North Tower, 8th Floor, Enclosure Central Area	CE	2.00 289.0	578.0	0.00	100	31.0	39.5	0.026	0.005	0.026	
RA-130309-AN06	Work Area Sample Centro Minillas, North Tower, 5th Floor, Enclosure Central Area	CE	2.00 287.0	574.0	0.00	100	12.5	15.9	0.011	0.005	0.011	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/09/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/11/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/11/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/11/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/11/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectorminillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/09/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130309-AN07	Raul Hernandez, ASB-1112-0662-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	60.0	0.00	100	8.0	10.2	0.065	0.045	0.065	0.023
			30.0									
RA-130309-AN08	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00	532.0	0.00	100	35.0	44.6	0.032	0.005	0.032	0.018
			266.0									
RA-130309-AN09	Luis A. Quifonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00	532.0	0.00	100	12.5	15.9	0.012	0.005	0.012	0.007
			266.0									
RA-130309-AN10	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00	520.0	0.00	100	21.5	27.4	0.020	0.005	0.020	0.011
			260.0									
RA-130309-AN11	Pedro J. Pacheco, ASB-1112-0666-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00	520.0	0.00	100	16.5	21.0	0.016	0.005	0.016	0.009
			260.0									
RA-130309-AN12	Raul Hernandez, ASB-1112-0662-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00	484.0	0.00	100	37.0	47.1	0.037	0.006	0.037	0.023
			242.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/09/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/11/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/11/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/11/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/11/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/11/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130311-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130311-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130311-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 477.0	954.0	0.00	100	8.0	10.2	0.004	0.003	0.004	
RA-130311-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 456.0	912.0	0.00	100	26.5	33.8	0.014	0.003	0.014	
RA-130311-AN05	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 457.0	914.0	0.00	100	43.5	55.4	0.023	0.003	0.023	
RA-130311-AN06	Work Area Sample Centro Minillas, North Tower, 5th Floor, Enclosure Central Area	CE	2.00 455.0	910.0	0.00	100	30.5	38.9	0.016	0.003	0.016	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/11/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/12/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/12/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/12/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/12/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/11/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130311-AN07	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 268.0	536.0	0.00	100	25.5	32.5	0.023	0.005	0.023	0.017
RA-130311-AN08	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 271.0	542.0	0.00	100	21.0	26.8	0.019	0.005	0.019	0.017
RA-130311-AN09	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	EL	2.00 30.0	60.0	0.00	100	6.0	7.6	0.049	0.045	0.049	0.015
RA-130311-AN10	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 271.0	542.0	0.00	100	65.0	82.8	0.059	0.005	0.059	0.036
RA-130311-AN11	Felix Velazquez, ASB-1112-0648-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 266.0	532.0	0.00	100	28.0	35.7	0.026	0.005	0.026	0.020
RA-130311-AN12	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 239.0	478.0	0.00	100	17.5	22.3	0.018	0.006	0.018	0.015

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/11/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/12/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/12/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/12/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/12/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/11/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130311-AN13	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 112.0	224.0	0.00	100	8.5	10.8	0.019	0.012	0.019	0.017
RA-130311-AN14	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 113.0	226.0	0.00	100	11.5	14.6	0.025	0.012	0.025	0.017
RA-130311-AN15	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 111.0	222.0	0.00	100	6.5	8.3	0.014	0.012	0.014	0.015
RA-130311-AN16	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 113.0	226.0	0.00	100	5.5	7.0	0.012	0.012	0.012	0.036
RA-130311-AN17	Felix Velazquez, ASB-1112-0648-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 107.0	214.0	0.00	100	9.5	12.1	0.022	0.013	0.022	0.020

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.--Measured Fiber Concentration

R.F.C.--Reported Fiber Concentration

L.O.D.--Limit of Detection

T.W.A.--Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/11/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/12/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/12/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/12/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/12/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/12/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>3</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130312-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130312-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130312-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 465.0	930.0	0.00	100	11.5	14.6	0.006	0.003	0.006	
RA-130312-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 451.0	902.0	0.00	100	34.0	43.3	0.018	0.003	0.018	
RA-130312-AN05	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 441.0	882.0	0.00	100	25.5	32.5	0.014	0.003	0.014	
RA-130312-AN06	Work Area Sample Centro Minillas, North Tower, 5th Floor, Enclosure Central Area	CE	2.00 439.0	878.0	0.00	100	17.5	22.3	0.010	0.003	0.010	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/12/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/13/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/13/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/13/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/13/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectoniminillas1@yahoo.com		





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/12/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130312-AN07	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 279.0	558.0	0.00	100	12.5	15.9	0.011	0.005	0.011	0.010
RA-130312-AN08	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 281.0	562.0	0.00	100	35.5	45.2	0.031	0.005	0.031	0.021
RA-130312-AN09	Roberto A. Torres, ASB-1112-0649-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 282.0	564.0	0.00	100	25.0	31.8	0.022	0.005	0.022	0.016
RA-130312-AN10	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 280.0	560.0	0.00	100	24.5	31.2	0.021	0.005	0.021	0.016
RA-130312-AN11	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	EL	2.00 30.0	60.0	0.00	100	6.5	8.3	0.053	0.045	0.053	0.013
RA-130312-AN12	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 251.0	502.0	0.00	100	14.0	17.8	0.014	0.005	0.014	0.013

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/12/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/13/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/13/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/13/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/13/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectoninillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/12/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130312-AN13	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 109.0	218.0	0.00	100	6.5	8.3	0.015	0.012	0.015	0.010
RA-130312-AN14	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 111.0	222.0	0.00	100	5.0	6.4	0.011	0.012	<0.012	0.021
RA-130312-AN15	Roberto A. Torres, ASB-1112-0649-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 109.0	218.0	0.00	100	3.5	4.5	0.008	0.012	<0.012	0.016
RA-130312-AN16	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 107.0	214.0	0.00	100	7.5	9.6	0.017	0.013	0.017	0.016
RA-130312-AN17	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 108.0	216.0	0.00	100	4.5	5.7	0.010	0.012	<0.012	0.013

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/12/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/13/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/13/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/13/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/13/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/13/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130313-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130313-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130313-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 478.0	956.0	0.00	100	6.0	7.6	0.003	0.003	0.003	
RA-130313-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 455.0	910.0	0.00	100	9.5	12.1	0.005	0.003	0.005	
RA-130313-AN05	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 447.0	894.0	0.00	100	31.5	40.1	0.017	0.003	0.017	
RA-130313-AN06	Work Area Sample Centro Minillas, North Tower, 5th Floor, Enclosure Central Area	CE	2.00 446.0	892.0	0.00	100	40.5	51.6	0.022	0.003	0.022	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/13/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/14/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/14/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/14/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/14/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/13/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130313-AN07	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 249.0	498.0	0.00	100	21.0	26.8	0.021	0.005	0.021	0.018
RA-130313-AN08	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 249.0	498.0	0.00	100	38.0	48.4	0.037	0.005	0.037	0.024
RA-130313-AN09	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	EL	2.00 30.0	60.0	0.00	100	8.5	10.8	0.069	0.045	0.069	0.028
RA-130313-AN10	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 243.0	486.0	0.00	100	26.0	33.1	0.026	0.006	0.026	0.019
RA-130313-AN11	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 241.0	482.0	0.00	100	11.5	14.6	0.012	0.006	0.012	0.009
RA-130313-AN12	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 209.0	418.0	0.00	100	40.0	51.0	0.047	0.006	0.047	0.028

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/13/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/14/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/14/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/14/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/14/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/13/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130313-AN13	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 139.0	278.0	0.00	100	14.0	17.8	0.025	0.010	0.025	0.018
RA-130313-AN14	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 134.0	268.0	0.00	100	9.5	12.1	0.017	0.010	0.017	0.024
RA-130313-AN15	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 135.0	270.0	0.00	100	5.5	7.0	0.010	0.010	0.010	0.028
RA-130313-AN16	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 129.0	258.0	0.00	100	11.0	14.0	0.021	0.010	0.021	0.019
RA-130313-AN17	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 130.0	260.0	0.00	100	6.5	8.3	0.012	0.010	0.012	0.009

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/13/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/14/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/14/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/14/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/14/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/14/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
RA-130314- AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130314- AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130314- AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 480.0	960.0	0.00	100	4.0	5.1	0.002	0.003	<0.003	
RA-130314- AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 450.0	900.0	0.00	100	13.5	17.2	0.007	0.003	0.007	
RA-130314- AN05	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 448.0	896.0	0.00	100	27.0	34.4	0.015	0.003	0.015	
RA-130314- AN06	Work Area Sample Centro Minillas, North Tower, 5th Floor, Enclosure Central Area	CE	2.00 447.0	894.0	0.00	100	20.5	26.1	0.011	0.003	0.011	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/14/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/15/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/15/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/15/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/15/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/14/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>3</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130314-AN07	Pedro J. Pacheco, ASB-1112-0666-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 260.0	520.0	0.00	100	14.5	18.5	0.014	0.005	0.014	0.013
RA-130314-AN08	Eliezer Lopez, ASB-0512-0340-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 265.0	530.0	0.00	100	60.5	77.1	0.056	0.005	0.056	0.035
RA-130314-AN09	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	EL	2.00 30.0	60.0	0.00	100	6.5	8.3	0.053	0.045	0.053	0.020
RA-130314-AN10	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 260.0	520.0	0.00	100	10.5	13.4	0.010	0.005	0.010	0.008
RA-130314-AN11	Raul Hernandez, ASB-1112-0662-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 258.0	516.0	0.00	100	40.0	51.0	0.038	0.005	0.038	0.028
RA-130314-AN12	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 229.0	458.0	0.00	100	22.5	28.7	0.024	0.006	0.024	0.020

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/14/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/15/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/15/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/15/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/15/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/14/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130314-AN13	Pedro J. Pacheco, ASB-1112-0666-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 143.0	286.0	0.00	100	10.5	13.4	0.018	0.009	0.018	0.013
RA-130314-AN14	Eliezer Lopez, ASB-0512-0340-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 140.0	280.0	0.00	100	7.5	9.6	0.013	0.010	0.013	0.035
RA-130314-AN15	Pedro J. Velez, ASB-1112-0647-AW, HF Centro Minillas, North Tower, 5th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 141.0	282.0	0.00	100	9.5	12.1	0.017	0.010	0.017	0.020
RA-130314-AN16	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, 4th Floor, Inside Enclosure, Cleaning of all 5th Floor Areas	PR	2.00 134.0	268.0	0.00	100	5.5	7.0	0.010	0.010	0.010	0.008
RA-130314-AN17	Raul Hernandez, ASB-1112-0662-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 131.0	262.0	0.00	100	14.5	18.5	0.027	0.010	0.027	0.028

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration

R.F.C.—Reported Fiber Concentration

L.O.D.—Limit of Detection

T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/14/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/15/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/15/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/15/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/15/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/15/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130315-AN07	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 282.0	564.0	0.00	100	10.0	12.7	0.009	0.005	0.009	0.008
RA-130315-AN08	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	EL	2.00 30.0	60.0	0.00	100	6.0	7.6	0.049	0.045	0.049	0.011
RA-130315-AN09	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 275.0	550.0	0.00	100	10.5	13.4	0.009	0.005	0.009	0.010
RA-130315-AN10	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 276.0	552.0	0.00	100	36.0	45.9	0.032	0.005	0.032	0.022
RA-130315-AN11	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 272.0	544.0	0.00	100	7.5	9.6	0.007	0.005	0.007	0.008
RA-130315-AN12	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 249.0	498.0	0.00	100	9.5	12.1	0.009	0.005	0.009	0.011

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01 Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/15/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/16/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/16/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/16/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/16/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/15/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130315-AN13	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 118.0	236.0	0.00	100	6.0	7.6	0.012	0.011	0.012	0.008
RA-130315-AN14	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 111.0	222.0	0.00	100	6.5	8.3	0.014	0.012	0.014	0.011
RA-130315-AN15	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 112.0	224.0	0.00	100	8.5	10.8	0.019	0.012	0.019	0.010
RA-130315-AN16	Carlos M. Ferrer, ASB-0112-0003-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 108.0	216.0	0.00	100	7.0	8.9	0.016	0.012	0.016	0.022
RA-130315-AN17	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 109.0	218.0	0.00	100	7.0	8.9	0.016	0.012	0.016	0.008

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples:

17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/15/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/16/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/16/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/16/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/16/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 2

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/16/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130316-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130316-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130316-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 299.0	598.0	0.00	100	3.0	3.8	0.002	0.005	<0.005	
RA-130316-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 294.0	588.0	0.00	100	8.5	10.8	0.007	0.005	0.007	
RA-130316-AN05	Work Area Sample Centro Minillas, North Tower, 7th Floor, Enclosure Central Area	CE	2.00 280.0	560.0	0.00	100	11.5	14.6	0.010	0.005	0.010	
RA-130316-AN06	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 282.0	564.0	0.00	100	7.0	8.9	0.006	0.005	0.006	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/16/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/18/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/18/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/18/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/18/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectorminillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/16/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130316-AN07	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 280.0	560.0	0.00	100	9.5	12.1	0.008	0.005	0.008	0.005
RA-130316-AN08	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 276.0	552.0	0.00	100	13.5	17.2	0.012	0.005	0.012	0.007
RA-130316-AN09	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 277.0	554.0	0.00	100	13.5	17.2	0.012	0.005	0.012	0.007
RA-130316-AN10	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	EL	2.00 30.0	60.0	0.00	100	4.0	5.1	0.033	0.045	<0.045	0.010
RA-130316-AN11	Roberto A. Torres, ASB-1112-0649-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 272.0	544.0	0.00	100	17.5	22.3	0.016	0.005	0.016	0.009
RA-130316-AN12	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 244.0	488.0	0.00	100	14.5	18.5	0.015	0.006	0.015	0.010

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/16/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/18/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/18/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/18/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/18/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectorminillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/15/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130315-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130315-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130315-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 463.0	926.0	0.00	100	6.5	8.3	0.003	0.003	0.003	
RA-130315-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 462.0	924.0	0.00	100	11.5	14.6	0.006	0.003	0.006	
RA-130315-AN05	Work Area Sample Centro Minillas, North Tower, 7th Floor, Enclosure Central Area	CE	2.00 460.0	920.0	0.00	100	16.0	20.4	0.009	0.003	0.009	
RA-130315-AN06	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 460.0	920.0	0.00	100	28.5	36.3	0.015	0.003	0.015	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/15/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/16/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/16/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/16/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/16/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/18/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130318-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130318-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130318-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 480.0	960.0	0.00	100	5.5	7.0	0.003	0.003	0.003	
RA-130318-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 463.0	926.0	0.00	100	26.5	33.8	0.014	0.003	0.014	
RA-130318-AN05	Work Area Sample Centro Minillas, North Tower, 8th Floor, Enclosure Central Area	CE	2.00 458.0	916.0	0.00	100	11.5	14.6	0.006	0.003	0.006	
RA-130318-AN06	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 458.0	916.0	0.00	100	13.5	17.2	0.007	0.003	0.007	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/18/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/19/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/19/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/19/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/19/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/18/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130318-AN07	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 292.0	584.0	0.00	100	5.5	7.0	0.005	0.005	0.005	0.006
RA-130318-AN08	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 288.0	576.0	0.00	100	16.5	21.0	0.014	0.005	0.014	0.017
RA-130318-AN09	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 285.0	570.0	0.00	100	21.5	27.4	0.018	0.005	0.018	0.015
RA-130318-AN10	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	EL	2.00 30.0	60.0	0.00	100	6.5	8.3	0.053	0.045	0.053	0.012
RA-130318-AN11	Felix Velazquez, ASB-1112-0648-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 284.0	568.0	0.00	100	13.5	17.2	0.012	0.005	0.012	0.015
RA-130318-AN12	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 260.0	520.0	0.00	100	7.5	9.6	0.007	0.005	0.007	0.012

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/18/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/19/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/19/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/19/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/19/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/18/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130318-AN13	Justo L. Cintron, ASB-1112-0007-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 104.0	208.0	0.00	100	6.0	7.6	0.014	0.013	0.014	0.006
RA-130318-AN14	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Bagout Procedure	PR	2.00 107.0	214.0	0.00	100	16.0	20.4	0.037	0.013	0.037	0.017
RA-130318-AN15	Elmer L. Cruz, ASB-1112-0659-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 105.0	210.0	0.00	100	7.5	9.6	0.018	0.013	0.018	0.015
RA-130318-AN16	Daniel Figueroa, ASB-1112-0661-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 107.0	214.0	0.00	100	9.0	11.5	0.021	0.013	0.021	0.012
RA-130318-AN17	Felix Velazquez, ASB-1112-0648-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 108.0	216.0	0.00	100	16.5	21.0	0.037	0.012	0.037	0.015

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01 Num. Samples: 17

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/18/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/19/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/19/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/19/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/19/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 3

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/19/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID												
RA-130319-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130319-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130319-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 486.0	972.0	0.00	100	6.0	7.6	0.003	0.003	0.003	
RA-130319-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 458.0	916.0	0.00	100	8.5	10.8	0.005	0.003	0.005	
RA-130319-AN05	Work Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure Central Area	CE	2.00 458.0	916.0	0.00	100	7.0	8.9	0.004	0.003	0.004	
RA-130319-AN06	Work Area Sample Centro Minillas, North Tower, 8th Floor, Enclosure Central Area	CE	2.00 460.0	920.0	0.00	100	22.0	28.0	0.012	0.003	0.012	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 15

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/19/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/20/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/20/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/20/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/20/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectorminillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 3


Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/19/13

Project No.: RA-13011




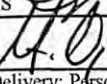

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130319-AN07	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	EL	2.00 30.0	60.0	0.00	100	7.0	8.9	0.057	0.045	0.057	
RA-130319-AN08	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 291.0	582.0	0.00	100	12.5	15.9	0.011	0.005	0.011	0.010
RA-130319-AN09	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 287.0	574.0	0.00	100	21.5	27.4	0.018	0.005	0.018	0.015
RA-130319-AN10	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 284.0	568.0	0.00	100	15.0	19.1	0.013	0.005	0.013	0.010
RA-130319-AN11	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 286.0	572.0	0.00	100	20.0	25.5	0.017	0.005	0.017	0.015
RA-130319-AN12	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	VOID: LOST PUMP & SAMPLE 										

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 15

Collected By:	Carlos Roman EQB#10960247MS 	Date:	03/19/13	Analyzed By:	Carlos Roman EQB#10960247MS 	Date:	03/20/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS 	Date:	03/20/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe 	Date:	03/20/13
Reviewed By:	Carlos Roman EQB#10960247MS 	Date:	03/20/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 3 of 3

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/19/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130319-AN13	Emanuel A. Cruz, ASB-1112-0632-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas											
RA-130319-AN14	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 118.0	236.0	0.00	100	6.0	7.6	0.012	0.011	0.012	0.010
RA-130319-AN15	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 116.0	232.0	0.00	100	9.0	11.5	0.019	0.012	0.019	0.015
RA-130319-AN16	Isaac Batista, ASB-1112-0658-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 118.0	236.0	0.00	100	5.5	7.0	0.011	0.011	0.011	0.010
RA-130319-AN17	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 119.0	238.0	0.00	100	8.5	10.8	0.018	0.011	0.018	0.015

VOID: LOST PUMP & SAMPLE

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01

Num. Samples: 15

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/19/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/20/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/20/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/20/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/20/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 2

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/20/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130320-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130320-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130320-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 479.0	958.0	0.00	100	6.0	7.6	0.003	0.003	0.003	
RA-130320-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 463.0	926.0	0.00	100	11.5	14.6	0.006	0.003	0.006	
RA-130320-AN05	Work Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure Central Area	CE	2.00 458.0	916.0	0.00	100	6.5	8.3	0.003	0.003	0.003	
RA-130320-AN06	Work Area Sample Centro Minillas, North Tower, 8th Floor, Enclosure Central Area	CE	2.00 449.0	898.0	0.00	100	7.0	8.9	0.004	0.003	0.004	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/20/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/21/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/21/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/21/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/21/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/20/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130320-AN07	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 283.0	566.0	0.00	100	6.5	8.3	0.006	0.005	0.006	0.007
RA-130320-AN08	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 281.0	562.0	0.00	100	9.5	12.1	0.008	0.005	0.008	0.008
RA-130320-AN09	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 285.0	570.0	0.00	100	8.0	10.2	0.007	0.005	0.007	0.008
RA-130320-AN10	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 105.0	210.0	0.00	100	6.0	7.6	0.014	0.013	0.014	0.007
RA-130320-AN11	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 106.0	212.0	0.00	100	5.0	6.4	0.012	0.013	<0.013	0.008
RA-130320-AN12	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 104.0	208.0	0.00	100	8.0	10.2	0.019	0.013	0.019	0.008

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/20/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/21/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/21/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/21/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/21/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 2

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/21/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. # ACTIVITY	TYPE	Flow Rate (l/min.) Time (min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
RA-130321-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130321-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130321-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 429.0	858.0	0.00	100	4.5	5.7	0.003	0.003	<0.003	
RA-130321-AN04	Work Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure Central Area	CE	2.00 403.0	806.0	0.00	100	6.5	8.3	0.004	0.003	0.004	
RA-130321-AN05	Work Area Sample Centro Minillas, North Tower, North East Stairwell, Enclosure Central Area	CE	2.00 394.0	788.0	0.00	100	8.5	10.8	0.005	0.003	0.005	
RA-130321-AN06	Work Area Sample Centro Minillas, North Tower, South West Stairwell, Enclosure Central Area	CE	2.00 403.0	806.0	0.00	100	6.5	8.3	0.004	0.003	0.004	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/21/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/22/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/22/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/22/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/22/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/21/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130321-AN07	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, Stairwell Areas, Inside Enclosure, Cleaning of all Stairwell Areas	PR	2.00 258.0	516.0	0.00	100	5.0	6.4	0.005	0.005	<0.005	0.006
RA-130321-AN08	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, Stairwell Areas, Inside Enclosure, Cleaning of all Stairwell Areas	PR	2.00 256.0	512.0	0.00	100	7.5	9.6	0.007	0.005	0.007	0.007
RA-130321-AN09	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Stairwell Areas, Inside Enclosure, Cleaning of all Stairwell Areas	PR	2.00 259.0	518.0	0.00	100	9.5	12.1	0.009	0.005	0.009	0.008
RA-130321-AN10	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, Stairwell Areas, Inside Enclosure, Cleaning of all Stairwell Areas	PR	2.00 91.0	182.0	0.00	100	4.5	5.7	0.012	0.015	<0.015	0.006
RA-130321-AN11	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, Stairwell Areas, Inside Enclosure, Cleaning of all Stairwell Areas	PR	2.00 92.0	184.0	0.00	100	6.0	7.6	0.016	0.015	0.016	0.007
RA-130321-AN12	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Stairwell Areas, Inside Enclosure, Cleaning of all Stairwell Areas	PR	2.00 88.0	176.0	0.00	100	4.5	5.7	0.013	0.015	<0.015	0.008

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/21/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/22/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/22/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/22/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/22/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/22/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130322-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130322-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130322-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 480.0	960.0	0.00	100	3.0	3.8	0.002	0.003	<0.003	
RA-130322-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 451.0	902.0	0.00	100	5.5	7.0	0.003	0.003	0.003	
RA-130322-AN05	Work Area Sample Centro Minillas, North Tower, 7th Floor, Enclosure Central Area	CE	2.00 450.0	900.0	0.00	100	5.0	6.4	0.003	0.003	<0.003	
RA-130322-AN06	Work Area Sample Centro Minillas, North Tower, 6th Floor, Enclosure Central Area	CE	2.00 449.0	898.0	0.00	100	7.0	8.9	0.004	0.003	0.004	

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/22/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/23/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/23/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/23/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/23/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 2

Client: Vanguard Caribe, Inc.

Address: Pefuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/22/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130322-AN07	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 283.0	566.0	0.00	100	6.5	8.3	0.006	0.005	0.006	0.006
RA-130322-AN08	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 286.0	572.0	0.00	100	10.5	13.4	0.009	0.005	0.009	0.009
RA-130322-AN09	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 282.0	564.0	0.00	100	10.5	13.4	0.009	0.005	0.009	0.008
RA-130322-AN10	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 114.0	228.0	0.00	100	5.5	7.0	0.012	0.012	0.012	0.006
RA-130322-AN11	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 6th Floor, Inside Enclosure, Cleaning of all 6th Floor Areas	PR	2.00 111.0	222.0	0.00	100	7.0	8.9	0.015	0.012	0.015	0.009
RA-130322-AN12	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, 7th Floor, Inside Enclosure, Cleaning of all 7th Floor Areas	PR	2.00 107.0	214.0	0.00	100	4.0	5.1	0.009	0.013	<0.013	0.008

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/22/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/23/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/23/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/23/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/23/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 2

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/23/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130323-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130323-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130323-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 301.0	602.0	0.00	100	3.5	4.5	0.003	0.004	<0.004	
RA-130323-AN04	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, Inside Enclosure, North East Stairwell, Cleaning of All Areas	PR	2.00 289.0	578.0	0.00	100	6.5	8.3	0.006	0.005	0.006	0.004
RA-130323-AN05	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, Inside Enclosure, North East Stairwell, Cleaning of All Areas	PR	2.00 287.0	574.0	0.00	100	5.0	6.4	0.004	0.005	<0.005	0.003
RA-130323-AN06	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, Inside Enclosure, South West Stairwell, Cleaning of All Areas	PR	2.00 284.0	568.0	0.00	100	8.5	10.8	0.007	0.005	0.007	0.004

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 9

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/23/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/25/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/25/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/25/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/25/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyctominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/25/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130325-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130325-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130325-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 462.0	924.0	0.00	100	6.0	7.6	0.003	0.003	0.003	
RA-130325-AN04	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 287.0	574.0	0.00	100	4.5	5.7	0.004	0.005	<0.005	0.006
RA-130325-AN05	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 284.0	568.0	0.00	100	16.0	20.4	0.014	0.005	0.014	0.011
RA-130325-AN06	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 286.0	572.0	0.00	100	9.5	12.1	0.008	0.005	0.008	0.008

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/25/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/26/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/26/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/26/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/26/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/25/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130325-AN07	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 461.0	922.0	0.00	100	10.5	13.4	0.006	0.003	0.006	
RA-130325-AN08	Work Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure Central Area	CE	2.00 457.0	914.0	0.00	100	14.5	18.5	0.008	0.003	0.008	
RA-130325-AN09	Work Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure East Area	CE	2.00 457.0	914.0	0.00	100	8.0	10.2	0.004	0.003	0.004	
RA-130325-AN10	Luis M. Lugo, ASB-1112-0657-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 115.0	230.0	0.00	100	3.5	4.5	0.007	0.012	<0.012	0.006
RA-130325-AN11	Pedro A. Hernandez, ASB-1112-0400-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 116.0	232.0	0.00	100	5.0	6.4	0.011	0.012	<0.012	0.011
RA-130325-AN12	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 114.0	228.0	0.00	100	4.5	5.7	0.010	0.012	<0.012	0.008

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01 , Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/25/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/26/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/26/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe	Date:	03/26/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/26/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/26/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130326-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130326-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130326-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 479.0	958.0	0.00	100	4.5	5.7	0.002	0.003	<0.003	
RA-130326-AN04	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 286.0	572.0	0.00	100	7.5	9.6	0.006	0.005	0.006	0.006
RA-130326-AN05	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 283.0	566.0	0.00	100	4.5	5.7	0.004	0.005	<0.005	0.006
RA-130326-AN06	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of North Elevator Shaft Area	PR	2.00 278.0	556.0	0.00	100	13.5	17.2	0.012	0.005	0.012	0.010

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/26/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/27/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/27/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/27/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/27/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/26/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130326-AN07	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 456.0	912.0	0.00	100	3.5	4.5	0.002	0.003	<0.003	
RA-130326-AN08	Work Area Sample Centro Minillas, North Tower, Ground Floor, North Elevator Shaft Area	CE	2.00 455.0	910.0	0.00	100	15.0	19.1	0.008	0.003	0.008	
RA-130326-AN09	Work Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure East Area	CE	2.00 457.0	914.0	0.00	100	5.5	7.0	0.003	0.003	0.003	
RA-130326-AN10	Luis A. Quiñonez, ASB-1112-0635-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 116.0	232.0	0.00	100	3.0	3.8	0.006	0.012	<0.012	0.006
RA-130326-AN11	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 114.0	228.0	0.00	100	4.0	5.1	0.009	0.012	<0.012	0.006
RA-130326-AN12	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of North Elevator Shaft Area	PR	2.00 115.0	230.0	0.00	100	1.5	1.9	0.003	0.012	<0.012	0.010

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/26/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/27/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/27/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/27/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/27/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/27/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130327-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130327-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130327-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 466.0	932.0	0.00	100	3.5	4.5	0.002	0.003	<0.003	
RA-130327-AN04	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 277.0	554.0	0.00	100	10.5	13.4	0.009	0.005	0.009	0.008
RA-130327-AN05	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 274.0	548.0	0.00	100	8.5	10.8	0.008	0.005	0.008	0.007
RA-130327-AN06	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of North Elevator Shaft Area	PR	2.00 276.0	552.0	0.00	100	6.0	7.6	0.005	0.005	0.005	0.006

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.--Measured Fiber Concentration R.F.C.--Reported Fiber Concentration L.O.D.--Limit of Detection T.W.A.--Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 • Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/27/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/28/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/28/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/27/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130327-AN07	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 449.0	898.0	0.00	100	11.5	14.6	0.006	0.003	0.006	
RA-130327-AN08	Work Area Sample Centro Minillas, North Tower, Ground Floor, North Elevator Shaft Area	CE	2.00 449.0	898.0	0.00	100	9.0	11.5	0.005	0.003	0.005	
RA-130327-AN09	Work Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure East Area	CE	2.00 448.0	896.0	0.00	100	13.5	17.2	0.007	0.003	0.007	
RA-130327-AN10	Carlos Santiago, ASB-1112-0650-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 115.0	230.0	0.00	100	5.5	7.0	0.012	0.012	0.012	0.008
RA-130327-AN11	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of all Ground Floor Areas	PR	2.00 113.0	226.0	0.00	100	5.0	6.4	0.011	0.012	<0.012	0.007
RA-130327-AN12	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of North Elevator Shaft Area	PR	2.00 111.0	222.0	0.00	100	6.0	7.6	0.013	0.012	0.013	0.006

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 12

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/27/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/28/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	03/28/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13	Comments:	Method of Delivery: Person to Person & E-Mail: proycominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/28/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130328-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130328-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130328-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 360.0	720.0	0.00	100	3.0	3.8	0.002	0.004	<0.004	
RA-130328-AN04	Alexis Rodriguez, ASB-1112-0626-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of North Elevator Shaft Area	PR	2.00 356.0	712.0	0.00	100	7.0	8.9	0.005	0.004	0.005	0.004
RA-130328-AN05	Aram I. Hernandez, ASB-0612-0401-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of South Elevator Shaft Area	PR	2.00 357.0	714.0	0.00	100	5.0	6.4	0.003	0.004	<0.004	0.003
RA-130328-AN06	Alex Rodriguez, ASB-1112-0625-AW, HF Centro Minillas, North Tower, Ground Floor, Inside Enclosure, Cleaning of North Elevator Shaft Area	PR	2.00 351.0	702.0	0.00	100	9.0	11.5	0.006	0.004	0.006	0.004

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 8

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/28/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/31/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe E-Mail	Date:	03/31/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

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Client: Vanguard Caribe, Inc.  
Address: Peñuelas, Puerto Rico  
Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 03/28/13  
Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130328-AN07	Work Area Sample Centro Minillas, North Tower, Ground Floor, Inside Enclosure, North Elevator Shaft Area	CE	2.00	686.0	0.00	100	6.5	8.3	0.005	0.004	0.005	
			343.0									
RA-130328-AN08	Work Area Sample Centro Minillas, North Tower, Ground Floor, Inside Enclosure, South Elevator Shaft Area	CE	2.00	688.0	0.00	100	4.0	5.1	0.003	0.004	<0.004	
			344.0									

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 8

Collected By:	Carlos Roman EQB#10960247MS	Date:	03/28/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	03/31/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Hector Oquendo, Vanguard Caribe E-Mail	Date:	03/31/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	03/28/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693





# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 1

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 04/01/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130401-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130401-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130401-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 285.0	570.0	0.00	100	2.5	3.2	0.002	0.005	<0.005	
RA-130401-AN04	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, ACM Container Area	EX	2.00 282.0	564.0	0.00	100	6.5	8.3	0.006	0.005	0.006	
RA-130401-AN05	Work Area Sample Centro Minillas, North Tower, 8th Floor, Enclosure Central Area	CE	2.00 284.0	568.0	0.00	100	8.5	10.8	0.007	0.005	0.007	
RA-130401-AN06	Luis A. Echevarria, ASB-1112-0234-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 284.0	568.0	0.00	100	6.0	7.6	0.005	0.005	0.005	0.003

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.---Measured Fiber Concentration R.F.C.---Reported Fiber Concentration L.O.D.---Limit of Detection T.W.A.---Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400 Rotometers #: LV-AE04 HV-AN01 Num. Samples: 6

Collected By:	Carlos Roman EQB#10960247MS	Date:	04/01/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	04/01/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	04/01/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	04/01/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	04/01/13	Comments:	Method of Delivery: Person to Person & E-Mail: proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 1 of 2

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 04/04/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION PERSONAL SAMPLE: NAME, S.S. #	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	ACTIVITY		Time (min.)									
RA-130404-AN01	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130404-AN02	FIELD BLANK	FB			0.00	100	0.0	0.0				
RA-130404-AN03	Clean Room Area Sample Centro Minillas, North Tower, Ground Floor, Parking Area, Inside Change Room of Decon Area	EX	2.00 419.0	838.0	0.00	100	3.0	3.8	0.002	0.003	<0.003	
RA-130404-AN04	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 284.0	568.0	0.00	100	5.5	7.0	0.005	0.005	0.005	0.006
RA-130404-AN05	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 281.0	562.0	0.00	100	7.0	8.9	0.006	0.005	0.006	0.006
RA-130404-AN06	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 283.0	566.0	0.00	100	6.0	7.6	0.005	0.005	0.005	0.006

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.--Measured Fiber Concentration R.F.C.--Reported Fiber Concentration L.O.D.--Limit of Detection T.W.A.--Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

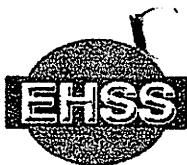
Rotometers #: LV-AE04

HV-AN01 \* Num. Samples:

11

Collected By:	Carlos Roman EQB#10960247MS	Date:	04/04/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	04/04/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	04/04/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	04/04/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	04/04/13	Comments:	Method of Delivery: E-Mail proyectominillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693



# ENVIRONMENTAL HEALTH & SAFETY SERVICES

PMB 142, 400 CALLE CALAF, SAN JUAN, PUERTO RICO, 00918

PHONE NUMBER: 787-855-1901 FAX NUMBER: 787-858-2646

ASBESTOS AIR MONITORING PCM ANALYSIS REPORT

NIOSH 7400 A RULES, ISSUE 2, REVISION 3

Page 2 of 2

Client: Vanguard Caribe, Inc.

Address: Peñuelas, Puerto Rico

Project: Centro Gubernamental Minillas, North Tower, San Juan, Puerto Rico

Sampling Date: 04/04/13

Project No.: RA-13011

SAMPLE ID	AMBIENT SAMPLE LOCATION	TYPE	Flow Rate (l/min.)	Sample Volume (liters)	Avg. Blank Count	Total Fields Counted	Total Fibers Counted	Fiber Density (f/mm <sup>2</sup> )	M.F.C. (f/cc)	L.O.D. (f/cc)	R.F.C. (f/cc)	8HR. T.W.A.
FILTER ID	PERSONAL SAMPLE: NAME, S.S. # ACTIVITY		Time (min.)									
RA-130404-AN07	Work Area Sample Centro Minillas, North Tower, 8th Floor, Enclosure Central Area	CE	2.00 412.0	824.0	0.00	100	4.0	5.1	0.002	0.003	<0.003	
RA-130404-AN08	Bagout Area Sample Centro Minillas, North Tower, Ground Floor, Enclosure Central Area	EX	2.00 407.0	814.0	0.00	100	9.0	11.5	0.005	0.003	0.005	
RA-130404-AN09	Felix A. Rivera, ASB-1112-0654-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 69.0	138.0	0.00	100	2.0	2.5	0.007	0.020	<0.02	0.006
RA-130404-AN10	Jose A. Perez, ASB-1112-0655-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 73.0	146.0	0.00	100	3.5	4.5	0.012	0.018	<0.018	0.006
RA-130404-AN11	Dwayne A. Rivera, ASB-0512-0341-AW, HF Centro Minillas, North Tower, 8th Floor, Inside Enclosure, Cleaning of all 8th Floor Areas	PR	2.00 70.0	140.0	0.00	100	3.0	3.8	0.011	0.019	<0.019	0.006

Type= BG-Background; EX-Exposure; OS-Outside; PP-Preparation; RM-Removal; CE-Cleaning; CL-Clearance; FB-Field Blank; PR-Personal; EL-Excursion Limit

M.F.C.—Measured Fiber Concentration R.F.C.—Reported Fiber Concentration L.O.D.—Limit of Detection T.W.A.—Time Weighted Average

Respiratory Protection: HF-Half Face, FF-Full Face, PAPR-Powered Air Personal Respirator, C-Type C

Microscope #: EHSS400

Rotometers #: LV-AE04

HV-AN01 • Num. Samples: 11

Collected By:	Carlos Roman EQB#10960247MS	Date:	04/04/13	Analyzed By:	Carlos Roman EQB#10960247MS	Date:	04/04/13
Delivery By:	N/A	Date:	N/A	PCM Report Delivery By:	Carlos Roman EQB#10960247MS	Date:	04/04/13
Received By:	N/A	Date:	N/A	PCM Report Received By:	Jorge Martinez, Vanguard Caribe	Date:	04/04/13
Reviewed By:	Carlos Roman EQB#10960247MS	Date:	04/04/13	Comments:	Method of Delivery: E-Mail proyectorminillas1@yahoo.com		

CARR. #2 KM 39.7 BO. ALGARROBO, VEGA BAJA, PUERTO RICO, 00693